

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

03
A7546x

Plant Responses to Salinity: An Indexed Bibliography

U.S. Department of Agriculture
Science and Education Administration
Agricultural Reviews and Manuals ● ARM-W-6/October 1978

USDA, National Agricultural Library
NAL Bldg
10301 Baltimore Blvd
Beltsville, MD 20705-2351

U.S. Department of Agriculture
National Agricultural Library
10301 Baltimore Blvd
Beltsville, Maryland 20705

PLANT RESPONSES TO SALINITY: AN INDEXED BIBLIOGRAPHY

Editors: L. E. Francois and E. V. Maas
U.S. Salinity Laboratory
Science and Education Administration (SEA)
4500 Glenwood Drive, Riverside, Calif. 92501

Computer Services: Hilary Burton and Marian Sullivan
USDA-SEA Technical Information Systems
National Agricultural Library
Beltsville, Md. 20705

Technical Staff: Linda Sarnoff and Catherine Jackson
U.S. Salinity Laboratory

Science and Education Administration, Agricultural Reviews and Manuals, Western Series, No. 6, October 1978

Published by the Office of the Regional Administrator for Agricultural Research (Western Region), Science and Education Administration, U.S. Department of Agriculture, Berkeley, Calif. 94705

PREFACE

Literature on plant responses to salinity is accumulating so rapidly it is nearly impossible to stay abreast of the current state of the art. Currently available computer searches are unable to provide pertinent citations without listing an excess of irrelevant citations. Furthermore, most computer-searchable data bases are limited to the past 10 years or less.

This computer-based bibliography resulted from the need for an extensive bibliography of publications on plant responses to salinity that can be readily searched and updated. The bibliography currently contains 2,357 citations obtained through a systematic search and review of the literature on salt and boron effects on plants from 1900 to 1977. Generally, only publications dealing with whole plants were included. Physiological and biochemical studies of salt effects on plant tissues and constituents were omitted.

All publications were reviewed for specific information on the plants studied, experimental materials and methods used, treatments and variables evaluated, and the results and data obtained. This information was included in the bibliography in the form of keywords. A computer-generated index allows rapid identification of the desired entries by plant names or by subject.

Because the bibliography is computer-readable, corrections and additions can be made at any time. We respectfully request that all users bring any errors and omissions to our attention. It is our intention to keep this bibliography current and accurate through periodic revisions. To facilitate this task, we would solicit reprints of any new papers published on this subject. Our address is U.S. Salinity Laboratory, Science and Education Administration, 4500 Glenwood Drive, Riverside, Calif. 92501.

ABSTRACT

Computer-based bibliography containing 2,357 literature citations, from 1900 to 1977, on salt and boron effects on whole plants. Keywords for each citation cover plants studied, experimental materials and methods used, treatments and variables evaluated, and results and data obtained. Computer-generated indexes allow rapid identification of desired entries by plant name or subject.

CONTENTS

	Page or divider
Instructions for use.....	iv
Availability of cited references.....	v
Salt tolerance bibliography.....	1
Indexes:	
Common plant names.....	Green
Botanical plant names.....	Blue
Terms describing treatments.....	Yellow
Terms describing results.....	Red

INSTRUCTIONS FOR USE

Bibliographic Format

The citations are listed alphabetically by author and appear in the following order: Citation number; authors; title; language of article (other than English); journal name, volume, page numbers, and year; common plant names; botanical names; and keywords that describe methods, treatments, and results. The keyword categories are separated by double spaces.

Language Abbreviations

The following abbreviations are used to indicate the language of papers not published in English. Where English summaries were included, they are indicated by the abbreviation, ENG SUM.

AFR	Afrikaans	ITA	Italian
ARA	Arabic	JAP	Japanese
ARM	Armenian	KOR	Korean
CHI	Chinese	NOR	Norwegian
CZE	Czech	POL	Polish
DAN	Danish	POR	Portuguese
DUT	Dutch	RUM	Rumanian
FIN	Finnish	RUS	Russian
FRE	French	SPA	Spanish
GER	German	TUR	Turkish
HEB	Hebrew	UKR	Ukrainian
HUN	Hungarian		

Botanical Details

Many plant species have several common names and others none at all. For this reason and because some names are used differently in different regions, we recommend the use of botanical names whenever possible. Nevertheless, common names are included for convenience. Lesser known names used in many foreign publications were changed to popular names known to us. Hortus Third (MacMillan Publishing Co., New York 1976) was used as the authority where possible. Other reference sources used include:

Bailey, L. H. 1949. Manual of Cultivated Plants. MacMillan Co., New York.

Munz, P. A. and Keck, D. D. 1965. A California Flora. University of California Press, Berkeley, Calif.

Robbins, W. W., Bellue, M. K., and Ball, W. S. 1970. Weeds of California. Documents and Publications, Sacramento, Calif.

Willis, J. C. 1973. A Dictionary of the Flowering Plants and Ferns. Ed. 8. Cambridge University Press.

Compound names are listed with the primary name first followed by appropriate modifiers, for example,

clover, white New Zealand. Botanical names are grouped by families and include family, genus, species, and occasionally variety, for example, *Gramineae: Zea mays, Hordeum vulgare; Chenopodiaceae: Beta vulgaris; Cruciferae: Brassica oleracea var. capitata.*

Indexes

Four indexes are provided to locate specific citations of interest. They provide alphabetical listings of common plant names, botanical plant names, terms describing treatments, and terms describing results.

Generally, each plant species is listed under one common name. Referrals are provided for a number of synonymous names. Hyphenated names appear alphabetically after the complete listing of nonhyphenated names. Some general terms (for example, cactus and thorns) appear because species were not identified; however, these terms are not all inclusive. Botanical names are listed by genus, species (unless unknown), and, in some cases, variety.

Both the treatment and result indexes include all the terms mentioned in those respective categories. Treatment salts are not identified as such but are listed as the constituent ions. Users are

advised to refer to synonymous and related terms to locate all citations relevant to a particular subject.

Searches

Since the bibliography is stored on tape, customized computer searches can be made readily by authors (for example, to locate co-authors), plant species, or keywords; however, for most users, direct reference to the printed indexes will probably be far more expeditious. As corrections and additions are made to the computer file in the future, computer searches of that data base may be advantageous until an updated printed version becomes available.

Requests for computer searches should be sent to:

USDA-SEA-TIS
National Agricultural Library
Beltsville, Md. 20705

These services will be available on a limited basis, at no charge, to all users; however, this policy is subject to change without notice. Questions regarding costs of frequent or extensive usage should be directed to the attention of the Chief, Technical Information Systems.

AVAILABILITY OF CITED REFERENCES

Books

The National Agricultural Library (NAL) lends books, other than rare books, or those on reserve, or in the reference collection, to U.S. Department of Agriculture employees. Non-USDA individuals should arrange interlibrary loans through their local public, university, or special library.

1. Form: The American Library Association's (ALA) Interlibrary Loan Request form is preferred. Citations should be as complete as possible and the source of reference should be provided if known. Please use one form for each item requested. Teletypewriter requests are accepted. NAL's number is 710-828-0506.

2. Loan Period and Renewals: Material is loaned for 30 days from the date it is charged at NAL.
3. Delivery and Returns: All loans will be sent first class and should be returned in the same manner. The borrowing library is responsible from the moment of dispatch for any loss or damage incurred.

Periodicals

Periodicals and other noncirculating materials are not available for loan but may be used in NAL or in its designated reading rooms in the Washington, D.C. area.

Photocopy of Journal Articles

Photocopy of journal articles will be sent in lieu of loan to USDA employees, 1890 land-grant institutes, and libraries with which NAL has a reciprocal arrangement. USDA EMPLOYEES SHOULD SUBMIT REQUESTS ON FORM AD-245. These forms are available from their procurement office. Requestors not in one of the above categories may purchase reproductions of journal articles, technical papers, reports, etc. in the NAL collection as outlined below:

1. Form: Please use USDA Request for Photocopying forms (LF-607). These forms are available from NAL upon request. Use one for each citation. Requests should be as complete as possible with a minimum of abbreviation. Indicate whether xerographic copy or microfilm is desired and sign each order form. If an alternate form is used, please send in triplicate.

2. Rate: (Subject to increase)
Xerographic Copy: \$2.00 for each 10 pages or fraction copied from a single article or book.
Microfilm (35mm): \$1.00 for each 30 pages or fraction copied from a single article or book.
3. Payment: Users with heavy or continuous volume may request monthly billing or pay for requests with NAL coupons. These coupons may be purchased in any quantity at \$1.00 each. Payment (check or money order payable to the National Agricultural Library) must accompany NAL coupon orders. Attach the necessary number of coupons to each LF-607 submitted. Occasional or one-time users should enclose a check or money order with each request or group of requests.
4. Restrictions: Reproductions will be made only from material in the NAL collection. Monographs will not be copied in their entirety (see Interlibrary Loan Service above). Special arrangements must be made for microfilm of entire issues or long runs of a journal title.

Requests for the services described above should be sent to:

U.S. Department of Agriculture
National Agricultural Library
Lending Division
Beltsville, Md. 20705

Questions concerning these services should be directed to the attention of the Chief, Lending Division.

1. ABAZA, M.; GHONEIM, M. F.; ZWAIK, A. USE OF SEA-WATER DILUTIONS FOR IRRIGATION IN SAND DUNES IN THE NORTHERN COASTS IN LIBYA. LIBYAN J. AGRIC. 3: 7-18. 1974. ALFALFA; BARLEY; BEET; FLAX; SAFFLOWER; WHEAT. LEGUMINOSAE: MEDICAGO SATIVA; CHENOPODIACEAE: BETA VULGARIS; GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE; LINACEAE: LINUM USITATISSIMUM; COMPOSITAE: CARTHAMUS TINCTORIUS. SAND. LYSIMETER. POT. FIELD PLOT. SOIL. SEA WATER. VEGETATIVE GROWTH. MINERAL COMPOSITION
2. ABDEL SALAM, M. A.; EL NOUR, S. A. INTERACTION OF SALINE WATER IRRIGATION AND NITROGEN FERTILIZATION ON CORN PRODUCTION IN CALCAREOUS SOIL. J. SOIL SCI. U.A.R. 5: 121-134. 1965. CORN. GRAMINEAE: ZEA MAYS. LYSIMETER. SOIL. SODIUM. CALCIUM. MAGNESIUM. CHLORIDE. NITROGEN. SODIUM ADSORPTION RATIO. FERTILITY. VEGETATIVE GROWTH. MINERAL COMPOSITION
3. ABDEL SALAM, M. A.; OSMAN, A. Z. INTERACTION OF SALINE WATER IRRIGATION AND PHOSPHORUS FERTILIZATION ON CROP PRODUCTION. J. SOIL SCI. U.A.R. 5: 75-88. 1965. ALFALFA; BARLEY. LEGUMINOSAE: MEDICAGO SATIVA; GRAMINEAE: HORDEUM VULGARE. POT. SOIL. PHOSPHORUS. SODIUM. CALCIUM. MAGNESIUM. CHLORIDE. FERTILITY. SODIUM ADSORPTION RATIO. VEGETATIVE GROWTH. MINERAL COMPOSITION
4. ABDEL-RAHMAN, A. A.; BATANOUNY, K. H.; EZZAT, N. H. EFFECT OF SALINITY ON GROWTH AND WATER RELATIONS OF BARLEY. BULL. FAC. SCI. CAIRO UNIV. 40: 3-12. 1965. BARLEY. GRAMINEAE: HORDEUM VULGARE. POT. SOIL. CALCIUM. CHLORIDE. SODIUM. SODIUM ADSORPTION PERCENTAGE. OSMOTIC PRESSURE. GERMINATION. EMERGENCE. TRANSPIRATION. VEGETATIVE GROWTH
5. ABDEL-RAHMAN, A. A.; EL-SHOUBAGY, M. N.; AHMED, A. M. SOME EFFECTS OF THE PERIODICALLY INCREASED SALINITY ON TWO CASTOR BEAN VARIETIES. BULL. FAC. SCI. CAIRO UNIV.: 47-59. 1972. BEAN. CASTOR. EUPHORBIACEAE: RICINUS COMMUNIS. WATER CULTURE. POT. VARIETY. SODIUM. CHLORIDE. GROWTH STAGE. SODIUM UPTAKE. OSMOTIC POTENTIAL
6. ABDEL-RAHMAN, A. A.; EL-SHOUBAGY, M. N.; EL-MONAYERI, M. O. SALINITY EFFECTS ON CARBOHYDRATES AND ION CONTENT IN SOME DESERT FODDER PLANTS. BULL. FAC. SCI. CAIRO UNIV.: 79-96. 1972. ALFALFA; RHODES GRASS; GRASS; PANIC GRASS. GIANT. LEGUMINOSAE: MEDICAGO SATIVA. CROTALARIA AEGYPTIACA; GRAMINEAE: PANICUM TURGIDUM, PANICUM ANTIDOTALE, PANICUM COLORATUM, PANICUM MAXIMUM, CHLORIS GAYANA, ORYZOPSIS MILIACEA. SAND. POT. SODIUM. CHLORIDE. MINERAL COMPOSITION. ION UPTAKE
7. ABDEL-RAHMAN, A. A.; EL-SHOUBAGY, M. N.; SHALABY, A. F.; EL-MONAYERI, M. O. SALINITY EFFECTS ON GROWTH AND WATER RELATIONS OF SOME DESERT RANGE PLANTS. FLORA 161: 495-508. 1972. RHODES GRASS; PANIC GRASS. BLUE; GUINEAGRASS; SMILGRASS; PANICUM; ALFALFA; RATTLEBOX. GRAMINEAE: CHLORIS GAYANA, PANICUM ANTIDOTALE, PANICUM MAXIMUM, PANICUM COLORATUM, PANICUM TURGIDUM, ORYZOPSIS MILIACEA; LEGUMINOSAE: MEDICAGO SATIVA, CROTALARIA AEGYPTIACA. POT. SAND. SODIUM. CHLORIDE. GROWTH. TRANSPIRATION. OSMOTIC POTENTIAL. WATER POTENTIAL
8. ABDEL-RAHMAN, A. A.; SHARKAWI, M. H. EFFECT OF SALINITY AND WATER SUPPLY ON OLIVE. PLANT SOIL 28: 280-290. 1968. OLIVE. OLEACEAE: OLEA EUROPAEA. POT. SOIL. SODIUM. CHLORIDE. CALCIUM. TRANSPIRATION. LEAF WATER CONTENT. VEGETATIVE GROWTH
9. ABDEL-SALAM, A. S. PHYSIOLOGICAL PRINCIPLES OF SALT TOLERANCE IN LEGUMINOUS PLANTS. (ARA). EL-FELAHA 50: 308-333. 1970.
10. ABDOL, F. M.; EL-KOBBIA, T.; HAMDI, H.; MOLSTAF, F. B. EFFECT OF HIGH SALT CONCENTRATIONS ON THE GROWTH OF BARLEY PLANTS. J. SOIL SCI. U.A.R. 11: 61-76. 1971. BARLEY. GRAMINEAE: HORDEUM VULGARE. POT. SAND. SODIUM. CALCIUM. MAGNESIUM. CHLORIDE. SULFATE. GERMINATION. VEGETATIVE GROWTH. MINERAL COMPOSITION
11. ABEL, G. H. INHERITANCE OF THE CAPACITY FOR CHLORIDE INCLUSION AND CHLORIDE EXCLUSION BY SOYBEANS. CROP SCI. 9: 697-698. 1969. SOYBEAN. LEGUMINOSAE: GLYCINE MAX. FIELD. SOIL. SODIUM. CALCIUM. CHLORIDE. GENETIC INTERACTION. INHERITANCE. LEAF INJURY
12. ABEL, G. H.; MACKENZIE, A. J. SALT TOLERANCE OF SOYBEAN VARIETIES (GLYCINE MAX L. MERRILL) DURING GERMINATION AND LATER GROWTH. CROP SCI. 4: 157-161. 1964. SOYBEAN. LEGUMINOSAE: GLYCINE MAX. POT. SOIL. FIELD PLOT. SODIUM,

CALCIUM, CHLORIDE, VARIETY LEAF INJURY, GERMINATION, VEGETATIVE GROWTH, SEED QUALITY, CHLORIDE UPTAKE

13. ABELL, L. F. DE ZOUTGEVOELIGHEID VAN ZAADTEELTGEWASSEN. SALT SENSITIVITY OF SEED CROPS. (DUT). CENT. V. LANDBDOC. LITLIJST. 13: 32 PP. 1954. VEGETABLE; FORAGE CROP SALT TOLERANCE
14. ABICHANDANI, C. T.; BHATT, P. N. SALT TOLERANCE AT GERMINATION OF BAJRA (PENNISETUM TYPHOIDES) AND JOWAR (SORGHUM VULGARE) VARIETIES. ANN. ARID ZONE 4: 36-42. 1965. SORGHUM; MILLET, PEARL GRAMINEAE; SORGHUM VULGARE. PENNISETUM TYPHOIDES. GERMINATION DISHES, SOIL VARIETY, SODIUM, CHLORIDE, CALCIUM GERMINATION, SALT TOLERANCE
15. ABO EL-ZAHAB, A. A. SALT TOLERANCE OF EIGHT EGYPTIAN COTTON VARIETIES. PART 1. AT GERMINATION STAGE. Z. ACKER. PFLANZENBAU 133: 299-307. 1971. COTTON MALVACEAE: GOSSYPIMUM. GERMINATION DISHES, SAND, POT VARIETY, SODIUM, CHLORIDE, CALCIUM GERMINATION, SALT TOLERANCE
16. ABO EL-ZAHAB, A. A. SALT TOLERANCE OF EIGHT EGYPTIAN COTTON VARIETIES. PART 2. AT THE SEEDLING STAGE. Z. ACKER. PFLANZENBAU 133: 308-314. 1971. COTTON MALVACEAE: GOSSYPIMUM. TEST TUBE, WATER CULTURE SODIUM, CHLORIDE, VARIETY VEGETATIVE GROWTH, SALT TOLERANCE
17. ABO-ELSAOD, I.; MONTAZ, A.; LASHIN, H.; MANSOR, M. THE RESPONSE OF FLAX CROP TO DIFFERENT LEVELS OF SALINITY. FIBRA 19: 32-43. 1974. FLAX LINACEAE: LINUM USITATISSIMUM. POT, SOIL SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, SEED YIELD, STRAW YIELD, OIL YIELD
18. ABO-ELSAOD, I.; MONTAZ, A.; LASHIN, H.; MANSOR, M. THE RESPONSE OF FLAX CROP TO DIFFERENT LEVELS OF SALINITY. Z. ACKER PFLANZENBAU 140: 255-260. 1975. FLAX LINACEAE: LINUM USITATISSIMUM. POT, SOIL SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, SEED YIELD, STRAW YIELD, OIL YIELD
19. ABUL-SAOD, I. A.; ASHOUR, N. I. A COMPARATIVE STUDY ON SALT TOLERANCE OF EGYPTIAN AND MEXICAN WHEAT PLANTS. EGYPT. J. BOT. 17: 125-134. 1976. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL, POT VARIETY, CHLORIDE, SULFATE, CALCIUM, SODIUM GRAIN YIELD, VEGETATIVE GROWTH, SALT TOLERANCE
20. ABRAHAM, M.; IYENGAR, E. R. R. EFFECTS OF AMENDMENTS TO SAND TO INCREASE THE MOISTURE LEVEL FOR THE GROWTH OF BAJRA (PENNISETUM TYPHOIDES S&H) UNDER SALINITY STRESS. INDIAN J. AGRIC. RES. 10: 115-121. 1976. MILLET, PEARL GRAMINEAE: PENNISETUM TYPHOIDES. POT, SAND VERMICULITE, MANURE, SEA WATER VEGETATIVE GROWTH, MINERAL COMPOSITION
21. ABRAHAM, M.; IYENGAR, E. R. R. STUDIES TO INCREASE THE MOISTURE HOLDING CAPACITY OF SAND AND ITS EFFECT ON THE GROWTH OF SUGAR BEET (BETA VULGARIS L.) UNDER SEA WATER IRRIGATION. SALT RES. IND. 12: 37-43. 1976. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. SAND, VERMICULITE, SAWDUST SEA WATER MINERAL COMPOSITION, ASH, SUGAR
22. ABROL, I. P. A STUDY OF THE EFFECT OF ADDED NUTRIENTS ON PLANT GROWTH ON A SODIC SUBSTRATE INT. CONGR. SOIL SCI. TRANS. 9TH (ADELAIDE, AUSTRALIA) II: 585-595. 1968. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GREENHOUSE, POT, RESIN, SAND SODIUM, CHLORIDE, CALCIUM, FERTILITY, EXCHANGEABLE SODIUM PERCENTAGE VEGETATIVE GROWTH, MINERAL COMPOSITION
23. ABROL, I. P.; BHUMBLA, D. R. START WITH D'HAINCHA ON SALINE SODIC SOIL. INDIAN FARM. 21: 41-42. 1971. LEGUMINOSAE: SESBANIA ACULEATA.
24. ABUL-FATIH, H. VEGETATION AND SOIL OF SALINE DEPRESSIONS NEAR NAJAF, CENTRAL IRAQ. VEGETATIO 30: 107-115. 1975. NATIVE VEGETATION FIELD, SOIL SALINE SOIL ECOLOGY
25. ABUL-HAAS, A. A.; OMRAN, M. S. SALT TOLERANCE OF SEVENTEEN COTTON CULTIVARS DURING GERMINATION AND EARLY SEEDLING DEVELOPMENT. Z. ACKER PFLANZENBAU 140: 229-236. 1974. COTTON MALVACEAE: GOSSYPIMUM HIRSUTUM, GOSSYPIMUM ARBOREUM. SAND, POT SODIUM, CALCIUM, CHLORIDE, VARIETY GERMINATION, SEEDLING GROWTH, VEGETATIVE GROWTH

26. ACEVES-N., E.; STOLZY, L. H.; MEHUYS, G. R. COMBINED EFFECTS OF LOW OXYGEN AND SALINITY ON GERMINATION OF A SEMI-DWARF MEXICAN WHEAT. AGRON. J. 67: 530-532. 1975. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GROWTH CHAMBER. POT. SAND SODIUM. CHLORIDE. OXYGEN GERMINATION
27. ACEVES-N., E.; STOLZY, L. H.; MEHUYS, G. R. EFFECTS OF SOIL OSMOTIC POTENTIAL PRODUCED WITH TWO SALT SPECIES ON PLANT WATER POTENTIAL, GROWTH, AND GRAIN YIELD OF WHEAT. PLANT SOIL 42: 619-627. 1975. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GROWTH CHAMBER. POT. SOIL SODIUM. CALCIUM. CHLORIDE TRANSPIRATION, GRAIN YIELD, LEAF WATER POTENTIAL
28. ACEVES-N., E.; STOLZY, L. H.; MEHUYS, G. R. RESPONSE OF THREE SEMIDWARF MEXICAN WHEATS TO DIFFERENT AERATION CONDITIONS IN THE ROOTING MEDIUM AT A CONSTANT SALINITY LEVEL. SOIL SCI. SOC. AMER. PROC. 39: 515-518. 1975. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GROWTH CHAMBER. SAND. POT SODIUM. CHLORIDE. AERATION VEGETATIVE GROWTH, ROOT GROWTH, TRANSPIRATION
29. ACHARYA, N.; SAHU, S. K. SALT TOLERANCE OF GREEN GRAM (PHASEOLUS AUREUS FOXB. VAR. PUSA BAISHAKHI). INDIAN J. AGRIC. CHEM. 7: 89-90. 1974. BEAN. MUNG LEGUMINOSAE: PHASEOLUS AUREUS. GERMINATION DISHES SODIUM. CALCIUM. CHLORIDE GERMINATION. ROOT GROWTH. SEEDLING GROWTH
30. ACKERSON, R. C.; YOUNGNER, V. B. RESPONSES OF BERMUDAGRASS TO SALINITY. AGRON. J. 67: 678-681. 1975. BERMUDA GRASS GRAMINEAE: CYNODON DACTYLON. GREENHOUSE. POT. WATER CULTURE. GROWTH CHAMBER SODIUM. CALCIUM. POTASSIUM. CHLORIDE. SULFATE. CARBON DIOXIDE VEGETATIVE GROWTH. ROOT GROWTH. RESPIRATION. PHOTOSYNTHESIS. LEAF WATER POTENTIAL. OSMOTIC POTENTIAL. MINERAL COMPOSITION
31. AGABABYAN, V. G. THE PROBLEM OF DEVELOPING SALT-TOLERANT VARIETIES OF MAIZE. (RUS). IZV. AN ARMYANSKOI SSR. SERIYA BIOL. 9: 85-92. 1956. CORN GRAMINEAE: ZEA MAYS. VARIETY. SODIUM. CARBONATE. BICARBONATE SALT TOLERANCE
32. AGAKISHIEV, D. ACCELERATING EFFECT OF LOW TEMPERATURES ON GERMINATION OF COTTON SEEDS IN SALINIZED SOILS. SOVIET PLANT PHYSIOL. 8: 505-508. 1961. COTTON MALVACEAE: GOSSYPIMUM. GERMINATION DISHES. POT. SOIL. FIELD PLOT SODIUM. CHLORIDE. TEMPERATURE GERMINATION. VEGETATIVE GROWTH
33. AGAKISHIEV, D. EFFECT OF GIBBERELLIN ON COTTON UNDER CONDITIONS OF SALINIZATION. SOVIET PLANT PHYSIOL. 11: 174-177. 1964. COTTON MALVACEAE: GOSSYPIMUM. POT. SOIL SODIUM. CHLORIDE. GIBBERELIC ACID. SULFATE VEGETATIVE GROWTH. LEAF INJURY
34. AGAKISHIEV, D. INCREASING THE SALT RESISTANCE OF COTTON. (RUS). AKAD. NAUK. TURKMENSKOI. SSR. INSTITUT ZEML. TRUDY 1: 50-88. 1957. COTTON MALVACEAE: GOSSYPIMUM.
35. AGARWAL, R. R.; YADAV, J. S. P. SALINITY AND ALKALI SCALE TO EVALUATE SALINE-ALKALI SOILS FOR CROP RESPONSES. J. INDIAN SOC. SOIL SCI. 4: 141-145. 1956. RICE; SORGHUM; WHEAT; BARLEY GRAMINEAE: ORYZA SATIVA. SORGHUM VULGARE. TRITICUM AESTIVUM. HORDEUM VULGARE. FIELD. SOIL SALINE SOIL PH. SOIL SALINITY. VEGETATIVE GROWTH
36. AGARWALA, S. C.; MEHROTRA, N. K.; SINHA, B. K. INFLUENCE OF EXCHANGEABLE SODIUM ON THE GROWTH AND MINERAL COMPOSITION OF PLANTS. I. PADDY AND BARLEY. J. INDIAN SOC. SOIL SCI. 12: 7-24. 1964. BARLEY; RICE GRAMINEAE: HORDEUM VULGARE. ORYZA SATIVA. POT. SOIL SODIUM. CARBONATE. BICARBONATE. SULFATE. EXCHANGEABLE SODIUM PERCENTAGE VEGETATIVE GROWTH. MINERAL COMPOSITION
37. AGULHON, M. H. ACCOUTUMANCE DE MAIS AU BORE. THE INCREASED TOLERANCE OF MAIZE TO BORON. (FRENCH). COMPT. REND. ACAD. SCI. (PARIS) 151: 1382-1383. 1910. CORN GRAMINEAE: ZEA MAYS. BORON
38. AHI, S. M.; POWERS, W. L. SALT TOLERANCE OF PLANTS AT VARIOUS TEMPERATURES. PLANT PHYSIOL. 13: 767-789. 1938. SALTGRASS; ALFALFA; CLOVER. SWEET; CLOVER. STRAWBERRY; ASTRAGALUS GRAMINEAE: DISTICHLIS SPICATA; LEGUMINOSAE: MEDICAGO SATIVA. MELILOTUS. TRIFOLIUM FRAGIFERUM. ASTRAGALUS RUBYII. POT. SAND. WATER CULTURE. SOIL. GREENHOUSE. FIELD PLOT. MANURE. GROWTH CHAMBER TEMPERATURE. SODIUM. CHLORIDE. CARBONATE. SEA WATER. SULFATE VEGETATIVE

GROWTH, GERMINATION

39. AHMAD, I. CRITERIA FOR THE EVALUATION OF THE QUALITY OF IRRIGATION WATER AND THEIR RELATIONSHIP WITH THE PHYSIOLOGY OF SALT TOLERANCE. POTASH REV. 1/41. 9 PP. 1965.
40. AHMAD, R. THE MECHANISM OF SALT TOLERANCE IN *SUAEDA FRUTICOSA* AND *HALOXYLON RECURVUM*. PLANT SOIL 2B: 357-362. 1968. CHENOPODIACEAE: *SUAEDA FRUTICOSA*. HALOXYLON RECURVUM. FIELD, SOIL SALINE SOIL MINERAL COMPOSITION, HISTOLOGY
41. AHMAD, R.; HUQ, Z. SOME PHYSIOLOGICAL AND BIOCHEMICAL STUDIES ON SPINACH GROWING ON SALINE SOIL. PAK. J. BOT. 6: 49-52. 1974. SPINACH CHENOPODIACEAE: *SPINACIA OLERACEA*. SOIL SALINE SOIL RESPIRATION, ENZYME ACTIVITY, OXYGEN UPTAKE
42. AITKEN, R. SOME SALT-TOLERANT NATIVE AUSTRALIAN ORNAMENTAL PLANTS. COMB. PROC. INTER. PLANT PROPAG. SOC. 24: 234-240. 1974. NATIVE VEGETATION LEGUMINOSAE: *ACACIA CYCLOPS*, *ACACIA PULCHELLA*; AGAVACEAE: *PHORMIUM*; LABIATAE: *HEMIANDRA PUNGENS*; HAEMODORACEAE: *ANIGOZANTHOS FLAVIDA*; ARAUCARIACEAE: *ARAUCARIA EXCELSA*; COMPOSITAE: *CALOCEPHALUS BROWNII*, *MYOPORUM INSULARE*; MYRTACEAE: *LEPTOSPERMUM LAEVIGATUM*, *METROSIDEROS*, *CALOTHAMNUS QUADRIFIDUS*, *EUCALYPTUS CAESIA*; AIZOACEAE: *CARPOBROTUS CHILENSIS*, *CARPOBROTUS EDULIS*, *DISPHYMA FLACKII*, *DROSANTHEMUM FLORIBUNDUM*; TAMARICACEAE: *TAMARIX AFHYLLA*; THYMELAEACEAE: *PIMELEA FERRUGINEA*; CHENOPODIACEAE: *KOCHIA AMOENA*, *RHAGODIA BACCATA*; PITTOSPORACEAE: *PITTOSPORUM CRASSIFOLIUM*; MALVACEAE: *LAGUNARIA PATERSONII*; GOODENIACEAE: *SCAEVOLA CRASSIFOLIUM*; BOMBACACEAE: *MELALEUCA BAXTERI*, *MELALEUCA CUTICULARIS*, *MELALEUCA DIOSMIFOLIA*, *MELALEUCA HUEGELII*, *MELALEUCA NESOPHILA*; TETRAGONIACEAE: *TETRAGONIA DECUMBENS*.
43. AKBAR, M. WATER AND CHLORIDE ABSORPTION IN RICE SEEDLINGS. J. AGRIC. RES. 13: 341-348. 1975. RICE GRAMINEAE: *ORYZA SATIVA*. GERMINATION DISHES SODIUM, CHLORIDE GERMINATION, VEGETATIVE GROWTH, CHLORIDE UPTAKE
44. AKBAR, M.; YABUNO, T. BREEDING FOR SALINE-RESISTANT VARIETIES OF RICE. III. RESPONSE OF F1 HYBRIDS TO SALINITY IN RECIPROCAL CROSSES BETWEEN JHONA 349 AND MAGNOLIA. JPN. J. BREED. 25: 215-220. 1975. RICE GRAMINEAE: *ORYZA SATIVA*. GREENHOUSE, WATER CULTURE, POT SODIUM, CALCIUM, CHLORIDE, VARIETY GENETIC INTERACTION, INHERITANCE, VEGETATIVE GROWTH, SEED YIELD, ROOT GROWTH, HYBRID
45. AKBAR, M.; YABUNO, T. BREEDING FOR SALINE-RESISTANT VARIETIES OF RICE. II. COMPARATIVE PERFORMANCE OF SOME RICE VARIETIES TO SALINITY DURING EARLY DEVELOPMENT STAGES. JPN. J. BREED. 24: 176-181. 1974. RICE GRAMINEAE: *ORYZA SATIVA*. GERMINATION DISHES, WATER CULTURE, GREENHOUSE, POT SODIUM, CALCIUM, CHLORIDE, VARIETY GERMINATION, SEEDLING GROWTH, ROOT GROWTH
46. AKBAR, M.; YABUNO, T. BREEDING FOR SALINE-RESISTANT VARIETIES OF RICE. IV. INHERITANCE OF DELAYED-TYPE PANICLE STERILITY INDUCED BY SALINITY. JPN. J. BREED. 27: 237-240. 1977. RICE GRAMINEAE: *ORYZA SATIVA*. GREENHOUSE, WATER CULTURE SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, INHERITANCE, GENETIC INTERACTION
47. AKBAR, M.; YABUNO, T.; CHAUDHRY, A. S. INHERITANCE OF APICULUS PIGMENTATION IN SOME RICE VARIETIES AND ITS POSSIBLE RELATIONSHIP TO SALINITY. NUCLEUS 12: 31-33. 1975. RICE GRAMINEAE: *ORYZA SATIVA*. WATER CULTURE, POT SODIUM, CALCIUM, CHLORIDE, VARIETY GENETIC INTERACTION, INHERITANCE
48. AKBAR, M.; YABUNO, T.; NAKAO, S. BREEDING FOR SALINE-RESISTANT VARIETIES OF RICE. I. VARIABILITY FOR SALT TOLERANCE AMONG SOME RICE VARIETIES. JPN. J. BREED. 22: 277-284. 1972. RICE GRAMINEAE: *ORYZA SATIVA*. GREENHOUSE, POT SODIUM, CALCIUM, CHLORIDE, VARIETY VEGETATIVE GROWTH
49. AKIHAMA, K. SOME FACTORS AFFECTING NUTRIENT UPTAKES BY RICE PLANTS GROWN UNDER SALINE CONDITIONS. PROC. 4TH CONGR. IRRIG. DRAINAGE. MADRID 1960. INTERNATL. COMM. IRRIG. & DRAINAGE QUESTION 13: 131-138. 1960. RICE GRAMINEAE: *ORYZA SATIVA*. POT, SAND SODIUM, CHLORIDE, GROWTH STAGE VEGETATIVE GROWTH, MINERAL UPTAKE, MINERAL COMPOSITION
50. AKOPIAN, B. A. CHANGES IN THE COMPOSITION OF MONOSACCHARIDES AND DISACCHARIDES IN *GOEBELIA ALOPECUROIDES* WHEN GROWING ON SALINE SOIL. (RUS). AKAD. NAUK. ARMIENSKOI SSR DOK. 25: 121-124. 1957. NATIVE VEGETATION LEGUMINOSAE:

GOEBELIA ALOPECUROIDES. SALINE SOIL MONOSACCHARIDE, DISACCHARIDE, SUGAR

51. AKOPIAN, B. A. PECULIARITIES OF THE CARBOHYDRATE METABOLISM IN PLANTS GROWING ON SALINE SOILS. (RUS). AKAD. NAUK. ARMIAANSKOI SSR. IZV. BIOL. I SEL'SKOKHOZ. NAUK. 11: 69-76. 1958. WHEAT GRAMINEAE: TRITICUM AESTIVUM; LEGUMINOSAE: GOEBELIA ALOPECUROIDES. SOIL SALINE SOIL. GROWTH STAGE CARBOHYDRATE, POLYSACCHARIDE, CELLULOSE, STARCH, LIGNIN
52. AL-JIBURY, L. K.; TALABANI, D. STUDIES ON THE COMBINED EFFECTS OF SALT MIXTURES AND OSMOTIC STRESS ON THE GERMINABILITY AND SEED EMERGENCE OF 4 OIL CROPS. INST. APPL. RES. NAT. RESOUR. TECH. PAPER 93: 1-12. 1976. SAFFLOWER; SUNFLOWER; FLAX; PEANUT COMPOSITAE: CARTHAMUS TINCTORIUS, HELIANTHUS ANNUUS; LINACEAE: LINUM USITATISSIMUM; LEGUMINOSAE: ARACHIS HYPOGAEA. OSMOTIC STRESS GERMINATION, SEEDLING EMERGENCE
53. ALAGARSWAMY, G.; RAO, J. S. STUDY OF BORON NUTRITION IN GROUNDNUT (ARACHIS HYPOGAEA L.). MADRAS AGRIC. J. 60: 1071-1073. 1973. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. POT. SAND BORON LEAF INJURY, BORON UPTAKE
54. ALAKHVERDIEV, F. D. PLANT ASSOCIATIONS AS INDICATORS OF SALINIZATION CONDITIONS OF SOILS IN THE COASTAL SALT MARSHES OF DAGESTAN. SOVIET J. ECOL. 3: 255-256. 1972. REED; BULRUSH; GLASSWORT; SEA BLITE; SALT BUSH; QUACK GRASS; SAGEBRUSH; ALKALI GRASS; LAVENDER, SEA; BERMUDA GRASS GRAMINEAE: PHRAEMITES COMMUNIS, SCIRPUS LACUSTRIS, CYNODON DACTYLON, AGROPYRON REPENS, PUCCINELLIA DISTANS; CHENOPODIACEAE: SALICORNIA HERBACEA, SUALDA SALSA, ATRIPLEX VERRUCIFERA, PETROSIMONIA BRACHIATA, HALOCNEMUM STROBILACEUM, ARTEMISIA HALODENDRON, FRANKENIACEAE: FRANKENIA HIRSUTA; PLANTAGINACEAE: LIMONIUM SUFFRUTICOSUM. FIELD SEA WATER, SALINE SOIL ECOLOGY
55. ALBESCU, I.; AKSENOVA, I.; MAIANU, A. N. EFFECT OF SOIL SALINITY ON RICE AS INFLUENCED BY PLANTING METHOD UNDER FERTILIZATION CONDITIONS. RISO 23: 127-130. 1974. RICE GRAMINEAE: ORYZA SATIVA. FIELD PLOT, SOIL SALINE SOIL, SODIUM, CHLORIDE, FERTILITY, PLANTING METHOD EMERGENCE, SEED YIELD, VEGETATIVE GROWTH
56. ALBREGTS, E. E.; HOWARD, C. M. INFLUENCE OF TEMPERATURE AND MOISTURE STRESS FROM SODIUM CHLORIDE SALINIZATION ON OKRA EMERGENCE. AGRON. J. 65: 836-837. 1973. OKRA MALVACEAE: HIBISCUS ESCULENTUS. GERMINATION DISHES, SOIL SODIUM, CHLORIDE, TEMPERATURE, WATER STRESS GERMINATION, EMERGENCE, SEEDLING GROWTH
57. ALEKPEROV, S. A. INFLUENCE OF CONCENTRATED SOLUTIONS OF SALTS ON PHYSIOLOGY OF SWELLING AND GERMINATING CAPACITY OF SEEDS OF SOME WOODY AND BUSHY PLANTS. (RUS). IZV. AN AZERBAIDZHANSKOI SSR. SERIYA BIOLOGICHESKAYA, NO. 1: 15-23. 1961. PINE; OAK PINACEAE: PINUS; FAGACEAE: QUERCUS. SODIUM, CHLORIDE, SULFATE GERMINATION
58. ALEKSANDROVA, M. K. CHANGES IN THE QUALITY OF COTTON UNDER CONDITIONS OF SOIL SALINIZATION. (RUS). DOKL. AKAD. NAUK. UZB. SSR 11: 49-51. 1954. COTTON MALVACEAE: GOSSYPIUM. SOIL SODIUM, CHLORIDE, SULFATE CROP QUALITY
59. ALESHIN, E. P.; MOLOKOV, L. G.; YAKOVLEV, B. V. EFFECT OF VARIOUS TYPES OF SALINIZATION ON THE ACTIVITY OF PEROXIDASE IN RICE SEEDLINGS. (RUS). AGROKHIMIYA: 100-102. 1971. RICE GRAMINEAE: ORYZA SATIVA. SODIUM, SULFATE, CHLORIDE VEGETATIVE GROWTH, PEROXIDASE
60. ALESHIN, E. P.; SYKALO, N. G.; MALIVAL, G. L. THE EFFECT OF NITROGEN ON THE GERMINATION OF SEEDS UNDER SALINIZATION CONDITIONS. (RUS; ENG SUM). SEL'SKOKHOZ BIOL. 6: 355-357. 1971. RICE; CORN GRAMINEAE: ORYZA SATIVA, ZEA MAYS. AMMONIUM, SULFATE, SALINE WATER, SODIUM, CHLORIDE, MAGNESIUM, CALCIUM RESPIRATION, PROTEIN, NUCLEIC ACID, GERMINATION, DESOXYRIBONUCLEIC ACID, RIBONUCLEIC ACID, NITROGEN UPTAKE
61. ALEXANDER, D. M.; GROOT OBBINK, J. EFFECT OF CHLORIDE IN SOLUTION CULTURE ON GROWTH AND CHLORIDE UPTAKE OF SULTANA AND SALT CREEK GRAPE VINES. AUST. J. EXPTL. AGRIC. ANIM. HUSB. 11: 357-361. 1971. GRAPE VITACEAE: VITIS VINIFERA, VITIS CHAMPINI. GREENHOUSE, WATER CULTURE SODIUM, POTASSIUM, CALCIUM, MAGNESIUM, CHLORIDE VEGETATIVE GROWTH, ROOT GROWTH, MINERAL COMPOSITION
62. ALEXANDER, D. M.; WOODHAM, R. C. RELATIVE TOLERANCE OF ROOTED CUTTINGS OF FOUR VINIFERA VARIETIES TO SODIUM CHLORIDE. AUST. J. EXPTL. AGRIC. ANIM. HUSB. 8: 461-465. 1968. GRAPE VITACEAE: VITIS VINIFERA. GREENHOUSE, POT. WATER

CULTURE SODIUM. CHLORIDE. VARIETY VEGETATIVE GROWTH. ROOT GROWTH. MINERAL COMPOSITION

63. ALINA, B. A.; KLYSHEV, L. K. ACTIVITY OF NITRATE REDUCTASE IN THE ABOVE GROUND PART OF CORN UNDER CONDITIONS OF SALINIZATION OF THE MEDIUM. (RUS). IZV. AKAD. NAUK. KAZ SSR SER. BIOL. 13: 28-31. 1975. CORN GRAMINEAE: ZEA MAYS. WATER CULTURE SODIUM. CHLORIDE. SULFATE NITRATE REDUCTASE ACTIVITY
64. ALLAN, P. F. ECOLOGICAL BASES FOR LAND USE PLANNING IN GULF COAST MARSHLANDS. J. SOIL WATER CONS. 5: 57-62. 1950. CORDGRASS. SMOOTH: SALTGRASS. SEASHORE: CORDGRASS. MARSHHAY: CORDGRASS. BIG: REED. COMMON: CORDGRASS. GULF GRAMINEAE: SPARTINA ALTERNIFLORA. DISTICHLIS SPICATA. SPARTINA PATENS. SPARTINA CYNOSUROIDES. PHRAGMITES COMMUNIS. SPARTINA SPARTINAE. SEA WATER. WATER QUALITY. WATER TABLE VEGETATIVE GROWTH
65. ALLISON, L. E. SALINITY IN RELATION TO IRRIGATION. ADVANCES IN AGRON. 16: 139-180. 1964.
66. ALT, D. VON; SCHWARZ, W. BOR-TOXIZITÄT, BOR-AUFNAHME, UND BOR-VERTEILUNG BEI JUNGEN GURKENPFLANZEN UNTER DEM EINFLUSS DER N-FORM. BORON TOXICITY. BORON UPTAKE. AND BORON DISTRIBUTION OF YOUNG CUCUMBER PLANTS UNDER THE INFLUENCE OF NITROGEN FORM. (GER; ENG SUM). PLANT SOIL 39: 277-283. 1973. CUCUMBER CUCURBITACEAE. CUCUMIS SATIVUS. POT. PEAT MOSS BORON. AMMONIUM. NITRATE BORON UPTAKE
67. ALTMAN, P. L.; DITTMER, D. S. (EDS). SALT TOLERANCE: SPERMATOPHYTES. ENVIR. BIOL. - FEDERATION AMER. SOC. EXPTL. BIOL. 527-530. 1966. SALT TOLERANCE
68. AMER, F.; ELGABALY, M. M.; BALBA, M. A. COTTON RESPONSE TO FERTILIZATION ON TWO SOILS DIFFERING IN SALINITY. AGRON. J. 56: 203-211. 1964. COTTON MALVACEAE: GOSSYPIUM BARBADENSE. FIELD PLOT. SOIL NITROGEN. PHOSPHORUS. POTASSIUM. SALINE SOIL. FERTILITY MINERAL COMPOSITION. SEED YIELD
69. AMSON, F. W. VAN; EHRENCRON, V. K. R. SALT TOLERANCE OF RICE. (DUT). JAARVERSL. LANDB. PROEFSTA. SURINAME 1958: 11-13. 1959. RICE GRAMINEAE: ORYZA SATIVA. POT SODIUM. CHLORIDE VEGETATIVE GROWTH
70. ANAGNOSTOPOULOS, P. T.; CHRYSOHERIS, F. P.; BATHIS, E. S. THE EFFECT OF SALTS IN THE SOIL AND IRRIGATION WATER ON THE GROWTH OF OLIVE TREES. (GRE). SUPERIOR SCHOOL AGRIC., ATHENS: 9 PP. 1955. OLIVE OLEACEAE: OLEA EUROPAEA. FIELD. SOIL SODIUM. CHLORIDE. VARIETY LEAF INJURY. CARBOHYDRATE. MINERAL COMPOSITION
71. ANDREW, C. S.; PIETERS, W. H. J. FOLIAR SYMPTOMS OF MINERAL DISORDERS IN GLYCINE WIGHTII. WATER CULTURE BORON LEAF INJURY. TOXICITY
72. ANDREW, C. S.; PIETERS, W. H. J. FOLIAR SYMPTOMS OF MINERAL DISORDERS IN LOTONONIS BAINESII. AUST. CSIRO. DIV. TROP. AGRON. TECH. PAPER 17: 1-12. 1976. LEGUMINOSAE: LOTONONIS BAINESII. WATER CULTURE BORON LEAF INJURY. TOXICITY
73. ANONYMOUS DWARF SOYBEANS GAIN SALT TOLERANCE. SOYBEAN DIG. 22: 37. 1962. SOYBEAN LEGUMINOSAE: GLYCINE MAX. POT. SOIL GROWTH REGULATOR. AMO-1618. PHOSFON. (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE VEGETATIVE GROWTH. SALT TOLERANCE
74. ANSARI, R. EFFECT OF SALINITY ON SOME BRASSICA OILSEED VARIETIES. PAK. J. BOT. 4: 55-63. 1972. MUSTARD. FIELD: MUSTARD. LEAF CRUCIFERAE: BRASSICA CAMPESTRIS. BRASSICA JUNCEA. GREENHOUSE. POT. SOIL SODIUM. CHLORIDE. VARIETY. SULFATE VEGETATIVE GROWTH. SEED YIELD. MINERAL COMPOSITION. GERMINATION
75. ANTCLIFF, A. J. SALT STATUS AND TIME OF BURSTING OF THE SULTANA. J. AUST. INST. AGRIC. SCI. 23: 76-77. 1957. GRAPE VITACEAE: VITIS VINIFERA. FIELD. SOIL CHLORIDE LEAF INJURY. MINERAL COMPOSITION
76. ANTIPOV, N. I. WATER RELATIONS OF SOME CULTIVATED FORAGE CROPS GROWN ON SALINIZED SOILS. SOV. PLANT PHYSIOL. 5: 279-282. 1958. ALFALFA: WHEATGRASS. CRESTED: FESCUE. TALL: COUCH GRASS; SUDAN GRASS LEGUMINOSAE: MEDICAGO SATIVA; GRAMINEAE: AGROPYRON CRISTATUM. FESTUCA PRATENSIS. AGROPYRON TENERUM. SORGHUM SUDANENSE. FIELD. SOIL

CHLORIDE, SULFATE VEGETATIVE GROWTH, LEAF WATER CONTENT, TRANSPIRATION

77. AOKI, M.; ISHIKAWA, H. EFFECT OF SALINITY ON THE GROWTH OF SOME VARIETIES OF CRYPTOMERIA JAPONICA. (JAP). J. JAP. FOR. SOC. 53: 108-112. 1971. TREE TAXODIACEAE: CRYPTOMERIA JAPONICA. POT. SOIL SODIUM, CHLORIDE SODIUM UPTAKE, CHLORIDE UPTAKE
78. AOKI, M.; ISHIKAWA, H. TOLERANCE OF RICE PLANT TO SALINITY AND EFFECT OF NITROGEN AND SILICON FERTILIZERS. (JAP). JPN. J. SCI. SOIL MANURE 42: 167-170. 1971. RICE GRAMINEAE: ORYZA SATIVA. CHLORIDE, NITROGEN, SILICON. FERTILIZER SALT TOLERANCE
79. AOKI, M.; ISHIKAWA, H.; OGUMA, H. EFFECT OF SALINITY ON THE GROWTH OF CRYPTOMERIA JAPONICA WITH SPECIAL REFERENCE TO MINERAL NUTRITION. (JAP: ENG SUM). J. JAP. FOR. SOC. 55: 157-160. 1973. TAXODIACEAE: CRYPTOMERIA JAPONICA. WATER CULTURE SEA WATER VEGETATIVE GROWTH. SODIUM UPTAKE, CHLORIDE UPTAKE
80. ARIYANAYAGAM, D. V. SALINE PADDY TRIALS IN THE EASTERN DIVISION. TROP. AGRIC. 109: 16-1B. 1953. RICE GRAMINEAE: ORYZA SATIVA. FIELD PLOT, SOIL VARIETY, SALINE SOIL SALT TOLERANCE, GRAIN YIELD
81. ARNAUDOV, N.; POPOV, K. J. THE INFLUENCE OF SALTS UPON THE GROWTH OF TOBACCO SEEDLINGS. (RUS; GER SUM). ANN. UNIV. SOFIA. III. FACULTE PHY-MATH., LIVRE 3. 32: 1-50. 1936. TOBACCO SOLANACEAE: NICOTIANA TABACUM. CALCIUM, MAGNESIUM, SODIUM, POTASSIUM, CHLORIDE, AMMONIUM SEEDLING GROWTH, VEGETATIVE GROWTH
82. ARNOLD, A. DIE BEDEUTUNG DER CHLORIDEN FÜR DIE PFLANZE. THE SIGNIFICANCE OF CHLORIDE IONS FOR PLANTS (GER). BOT. STUD. 2: 114-121. 1955. JENA. BEET, SUGAR; WHEAT; BARLEY; RYE; PEA; CLOVER, RED; TREFOIL, BIRD'S-FOOT; ORNITHOPUS; LUPINE, YELLOW; TOBACCO; POTATO CHENOPODIACEAE: BETA VULGARIS; GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE, SECALE CEREALE; LEGUMINOSAE: PISUM SATIVUM, TRIFOLIUM PRATENSE, ORNITHOPUS ROSEUS, LUPINUS LUTEUS; SOLANACEAE: NICOTIANA TABACUM, SOLANUM TUBEROSUM; POLYGONACEAE: RUMEX ACETOSA; LABIATAE: PRUNELLA VULGARIS, BRUNELLA VULGARIS.
83. ARNOLD, A. ZUR FRAGE DER CHLORIDEN TOLERANZ DER PFLANZEN. THE QUESTION OF CHLORIDE TOLERANCE OF PLANTS (GER). BER. DEUT. BOT. GES. 63: 33. 1950. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. WATER CULTURE SODIUM, CHLORIDE VEGETATIVE GROWTH
84. ARRHENIUS, O. DIE CHLORFRAGE. THE CHLORINE QUESTION. (GER). ZTSCHR. PFLANZENERNÄHR. DÜNGUNG, U. BODENK 16A: 310-314. 1930. WHEAT; BARLEY; OATS; CLOVER; BEET, SUGAR; SUGARCANE GRAMINEAE TRITICUM AESTIVUM, HORDEUM VULGARE, AVENA SATIVA, SACCHARUM OFFICINARUM; LEGUMINOSAE; TRIFOLIUM; CHENOPODIACEAE: BETA VULGARIS. SAND CHLORIDE CHLORIDE UPTAKE
85. ASALIEV, A. I. VARIETAL DIFFERENCES IN LEGUMES IN RELATION TO SALT TOLERANCE. (RUS). NAUCHNYE TRUDY STAVROPOL'SKII SEL'SKOKHOZYAISTVENNYI INSTITUT; REFERATIVNYI ZHURNAL (1975) 8.55.486: NO. 37. 1: 106-112. 1974. PEA; PEA, CHICK LEGUMINOSAE: LATHYRUS SATIVUS, CICER ARIETINUM. VARIETY PHOTOSYNTHESIS, SALT TOLERANCE
86. ASANA, R. D. PHYSIOLOGICAL PROBLEMS CONCERNING CROP PRODUCTION UNDER SALINE CONDITIONS IN INDIA. PROC. TEHRAN SYMP. (UNESCO) SALINITY PROBLEMS IN THE ARID ZONES 14: 181-183. 1961.
87. ASANA, R. D.; KALE, V. R. A STUDY OF SALT TOLERANCE OF FOUR VARIETIES OF WHEAT. INDIAN J. PLANT PHYSIOL. 8: 5-22. 1965. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL SODIUM, CALCIUM, CHLORIDE, VARIETY VEGETATIVE GROWTH, SEED YIELD, MINERAL COMPOSITION
88. ASEN, S.; DAVIDSON, O. W. THE BORON DISTRIBUTION IN GREENHOUSE ROSE PLANTS. PROC. AM. SOC. HORT. SCI. 56: 433-439. 1950. ROSE ROSACEAE: ROSA. GREENHOUSE, SAND, POT BORON TOXICITY, BORON UPTAKE
89. ASGHAR, A. G. TOLERANCE OF PLANTS TO MINERALS IN SOLUTION IN IRRIGATION WATER AND IN SOIL. CONG. IRRIG. AND DRAIN. TRANS. 4: 13.97-13.112. 1960. WHEAT; COTTON; SUGARCANE GRAMINEAE: TRITICUM AESTIVUM, SACCHARUM OFFICINARUM;

- MALVACEAE: GOSSYPIMUM HIRSUTUM. POT. SOIL. FIELD PLOT SODIUM, CHLORIDE, SULFATE, BICARBONATE, CALCIUM, MAGNESIUM GERMINATION, VEGETATIVE GROWTH
90. ASGHAR, A. G.; AHMAD, N.; ASGHAR, M. SALT TOLERANCE OF CROPS. PAK. J. SCI. RES. 14: 162-169, 1962. CLOVER, BERSEEM; GRAM; BARLEY LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM; GRAMINEAE: HORDEUM VULGARE. FIELD PLOT, SOIL SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, SULFATE, BICARBONATE VEGETATIVE GROWTH, SEED YIELD
 91. ASGHAR, A. G.; HAMID, A. COTTON AND SUGARCANE ON SALINE OR PARTIALLY RECLAIMED SOILS. PAK. J. SCI. 5: 66-82, 1953. COTTON; SUGARCANE MALVACEAE: GOSSYPIMUM HIRSUTUM; GRAMINEAE: SACCHARUM OFFICINARUM. FIELD PLOT, SOIL SODIUM, CHLORIDE VEGETATIVE GROWTH
 92. ASHBY, W. C.; BEADLE, N. C. W. STUDIES IN HALOPHYTES. III. SALINITY FACTORS IN THE GROWTH OF AUSTRALIAN SALT BUSHES. ECOLOGY 38: 344-352, 1957. ATRIPLEX; TOMATO CHENOPODIACEAE: ATRIPLEX INFLATA, ATRIPLEX NUMMULARIA; SOLANACEAE: LYCOPERSICON ESCULENTUM. POT, GREENHOUSE, WATER CULTURE SODIUM, POTASSIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, ROOT GROWTH, LEAF INJURY, MINERAL COMPOSITION, OSMOTIC POTENTIAL
 93. ASHCROFT, R. T.; WALLACE, A. SODIUM RELATIONS IN DESERT PLANTS: 5. CATION BALANCE WHEN GROWN IN SOLUTION CULTURE AND IN THE FIELD IN THREE SPECIES OF LYCIUM FROM THE NORTHERN MOJAVE DESERT. SOIL SCI. 122: 48-51, 1976. THORN, WOLFBERRY; BOX THORN SOLANACEAE: LYCIUM ANDERSONII, LYCIUM PALLIDUM, LYCIUM CHOCKLEYI. WATER CULTURE, GREENHOUSE, FIELD, SOIL SODIUM, POTASSIUM, CALCIUM, CHLORIDE, MAGNESIUM, NITRATE, SULFATE, AMMONIUM MINERAL COMPOSITION
 94. ASHOUR, N. I.; ABDEL HAMID, M. RELATIVE SALT TOLERANCE OF EGYPTIAN COTTON VARIETIES DURING GERMINATION AND EARLY SEEDLINGS DEVELOPMENT. PLANT SOIL 33: 493-495, 1970. COTTON MALVACEAE: GOSSYPIMUM BARBADENSE. POT, SOIL VARIETY, SODIUM, CHLORIDE, CALCIUM GERMINATION, SEEDLING GROWTH
 95. ASHOUR, N. I.; KABESH, M. O.; EL-OKSH, I. EFFECT OF CHLORIDE SALINITY ON THE ABSORPTION, EXUDATION AND DISTRIBUTION OF PHOSPHORUS P 32 BY SUNFLOWER PLANTS. AGROCHIMICA 14: 462-468, 1970. SUNFLOWER COMPOSITAE: HELIANTHUS ANNUUS. POT, WATER CULTURE SODIUM, CALCIUM, CHLORIDE, PHOSPHORUS VEGETATIVE GROWTH, ROOT GROWTH, PHOSPHORUS UPTAKE
 96. ASHOUR, N. I.; THALOOTH, A. T. EFFECT OF SALINE IRRIGATION ON PHOTOSYNTHETIC APPARATUS AND YIELD OF SUGARBEET PLANTS. U.A.R. J. BOT. 14: 221-231, 1971. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. SAND, POT SODIUM, CHLORIDE, CALCIUM PHOTOSYNTHESIS, SUCROSE, ENZYME ACTIVITY, CHLOROPHYLL
 97. ASLANOV, S. M. ON THE ADAPTATION OF SOLANUM LACINIATUM TO SULFATE AND CHLORIDE SALINIZATION. (TUR). AKAD. NAUK. AZERB. SSR IZV. SER. BIOL. MED. NAUK. 3: 24-27, 1971. SOLANACEAE: SOLANUM LACINIATUM. SULFATE, CHLORIDE, MAGNESIUM, CALCIUM, CARBONATE, SODIUM SEEDLING GROWTH, FLOWERING
 98. ASSEED, M.; SOPOUR, F. A.; EL-SHARKAWY, M. A. RESPONSE OF GROWTH AND YIELD OF SHORT-STRAW WHEAT (TRITICUM AESTIVUM L.) TO SALINISED WATER AND CYCOCCEL (CCC). LIBYAN J. AGRIC. 4: 65-68, 1975. WHEAT GRAMINEAE: TRITICUM AESTIVUM, GREENHOUSE, POT, SOIL (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE, CALCIUM, CHLORIDE, SODIUM VEGETATIVE GROWTH, EMERGENCE
 99. ATKINSON, M. R.; FINDLAY, G. P.; HOPE, A. B.; PITMAN, M. G.; SADDLER, H. D. W.; WEST, K. R. SALT REGULATION IN THE MANGROVES RHIZOPHORA MUCRONATA LAM. AND AEGIALITIS ANNULATA R. BR. AUST. J. BIOL. SCI. 20: 589-599, 1967. MANGROVE RHIZOPHORACEAE: RHIZOPHORA MUCRONATA, AEGIALITIS ANNULATA. FIELD, SOIL SEA WATER ION UPTAKE, OSMOTIC POTENTIAL, HISTOLOGY, MINERAL COMPOSITION, TRANSPIRATION
 100. AUBERTIN, G. M.; RICKMAN, R. W.; LETEY, J. DIFFERENTIAL SALT-OXYGEN LEVELS INFLUENCE PLANT GROWTH. AGRON. J. 60: 345-349, 1968. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. GREENHOUSE, POT, WATER CULTURE, SOIL SODIUM, POTASSIUM, MAGNESIUM, CALCIUM, CHLORIDE, KRILIUM, AERATION, OXYGEN LEAF INJURY, ROOT GROWTH, VEGETATIVE GROWTH
 101. AUSTENFELD, F. A. DER EINFLUSS DES NaCl UND ANDERER ALKALISALZE AUF DIE NITRAT-REDUKTASEAKTIVITAT VON SALICORNIA

- EUROPAEA L. THE EFFECT OF NaCl AND OTHER ALKALINE SALTS ON THE NITRATE REDUCTASE ACTIVITY OF *SALICORNIA EUROPAEA* L. (GER; ENG SUM). Z. PFLANZENPHYSIOL. 71: 288-296. 1974. GLASSWORT; PIGWEED CHENOPODIACEAE: *SALICORNIA EUROPAEA*, *CHENOPODIUM ALBUM*. GROWTH CHAMBER, WATER CULTURE SODIUM, CHLORIDE ENZYME ACTIVITY, NITRATE REDUCTASE
102. AUSTENFELD, F. A. THE EFFECT OF VARIOUS ALKALINE SALTS ON THE GLYCOLATE OXIDASE OF *SALICORNIA EUROPAEA* AND *PISUM SATIVUM* IN VITRO. PHYSIOL. PLANT. 36: 82-87. 1976. PEA; GLASSWORT LEGUMINOSAE: *PISUM SATIVUM*; CHENOPODIACEAE: *SALICORNIA EUROPAEA*. POT, PEAT, SAND, GREENHOUSE SODIUM, CHLORIDE, POTASSIUM, SULFATE ENZYME ACTIVITY, GLYCOLATE OXIDASE
103. AVILOVA, L. D.; MATUKHIN, G. R. CHANGES OF MITOTIC ACTIVITY IN PLANT ROOTS UNDER CONDITIONS OF SALINITY. (RUS; ENG SUM). CYTOLOGY 9: 478-480. 1967. CORN; BARLEY GRAMINEAE: *ZEAMAYS*, *HORDEUM VULGARE*. SODIUM, CHLORIDE, SULFATE ROOT GROWTH, HISTOLOGY
104. AYERS, A. D. GERMINATION AND EMERGENCE OF SEVERAL VARIETIES OF BARLEY IN SALINIZED SOIL CULTURES. AGRON. J. 45: 68-71. 1953. BARLEY GRAMINEAE: *HORDEUM VULGARE*. GERMINATION DISHES, SOIL SODIUM, CHLORIDE, VARIETY GERMINATION, EMERGENCE
105. AYERS, A. D. SALT TOLERANCE OF AVOCADO TREES GROWN IN CULTURE SOLUTIONS. CALIF. AVOCADO SOC. YEARBOOK: 139-148. 1950. AVOCADO LAURACEAE: *PERSEA AMERICANA*. GREENHOUSE, WATER CULTURE SODIUM, CHLORIDE, CALCIUM, SULFATE SEEDLING GROWTH, LEAF INJURY, MINERAL COMPOSITION
106. AYERS, A. D. SALT TOLERANCE OF BIRDSFOOT TREFOIL. J. AMER. SOC. AGRON. 40: 331-334. 1948. TREFOIL, BIRD'S-FOOT; TREFOIL, BIG; CLOVER, RED; CLOVER, ALSIKE; CLOVER, LADINO; CLOVER, STRAWBERRY LEGUMINOSAE: *LOTUS CORNICULATUS*, *LOTUS ULIGINOSUS*, *TRIFOLIUM PRATENSE*, *TRIFOLIUM HYBRIDUM*, *TRIFOLIUM REPENS LATUM*, *TRIFOLIUM FRAGIFERUM*. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH
107. AYERS, A. D. SEED GERMINATION AS AFFECTED BY SOIL MOISTURE AND SALINITY. AGRON. J. 44: 82-84. 1952. ONION; BEET, SUGAR AMARYLLIDACEAE: *ALLIUM CEPA*; CHENOPODIACEAE: *BETA VULGARIS*. SODIUM, CALCIUM, CHLORIDE, SULFATE
108. AYERS, A. D.; ALDRICH, D. G.; COONY, J. J. LEAF BURN OF AVOCADO - SODIUM OR CHLORIDE ACCUMULATION MAY CAUSE BURNING OF MATURE AVOCADO LEAVES OF FUERTE AND OTHER VARIETIES. CALIF. AGRIC. 5: 7. 1951. AVOCADO LAURACEAE: *PERSEA AMERICANA*. CHLORIDE, SODIUM LEAF INJURY, MINERAL COMPOSITION
109. AYERS, A. D.; ALDRICH, D. G.; COONY, J. J. SODIUM AND CHLORIDE INJURY OF FUERTE AVOCADO LEAVES. CALIF. AVOCADO SOC. YEARBOOK: 174-178. 1951. AVOCADO LAURACEAE: *PERSEA AMERICANA*. CHLORIDE, SODIUM LEAF INJURY, MINERAL COMPOSITION
110. AYERS, A. D.; BROWN, J. W.; WADLEIGH, C. H. SALT TOLERANCE OF BARLEY AND WHEAT IN SOIL PLOTS RECEIVING SEVERAL SALINIZATION REGIMES. AGRON. J. 44: 307-310. 1952. BARLEY; WHEAT GRAMINEAE: *HORDEUM VULGARE*, *TRITICUM AESTIVUM*. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE SEEDLING GROWTH, VEGETATIVE GROWTH, SEED YIELD
111. AYERS, A. D.; EBERHARD, D. L. RESPONSE OF EDIBLE BROADBEAN TO SEVERAL LEVELS OF SALINITY. AGRON. J. 52: 110-111. 1960. BEAN, BROAD LEGUMINOSAE: *VICIA FABA*. GREENHOUSE, POT, SOIL SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION
112. AYERS, A. D.; HAYWARD, H. E. A METHOD FOR MEASURING THE EFFECTS OF SOIL SALINITY ON SEED GERMINATION WITH OBSERVATIONS ON SEVERAL CROP PLANTS. SOIL SCI. SOC. AMER. PROC. 13: 224-226. 1948. ALFALFA; BEET, SUGAR; BARLEY; CORN; BEAN, RED KIDNEY LEGUMINOSAE: *PHASEOLUS VULGARIS*, *MEDICAGO SATIVA*; CHENOPODIACEAE: *BETA VULGARIS*; GRAMINEAE: *HORDEUM VULGARE*, *ZEAMAYS*. GERMINATION DISHES, SOIL SODIUM, CHLORIDE GERMINATION
113. AYERS, A. D.; WADLEIGH, C. H.; BERNSTEIN, L. SALT TOLERANCE OF SIX VARIETIES OF LETTUCE. AMER. SOC. HORT. SCI. 57: 237-242. 1951. LETTUCE COMPOSITAE: *LACTUCA SATIVA*. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, VARIETY

VEGETATIVE GROWTH. MINERAL COMPOSITION

114. AYERS, A. D.; WADLEIGH, C. H.; MAGISTAD, O. C. THE INTERRELATIONSHIPS OF SALT CONCENTRATION AND SOIL MOISTURE CONTENT WITH GROWTH OF BEANS. J. AMER. SOC. AGRON. 35: 796-810. 1943. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. SOIL SODIUM, CHLORIDE. WATER STRESS VEGETATIVE GROWTH
115. AYERS, R. S.; WESTCOT, D. W. WATER QUALITY FOR AGRICULTURE. FAO (ROME) IRRIGATION AND DRAINAGE PAPER 29: 97 PP. 1976. SALT TOLERANCE. BORON TOLERANCE. CHLORIDE TOLERANCE
116. AYOUB, A. T. CAUSES OF INTER-VARIETAL DIFFERENCES IN SUSCEPTIBILITY TO SODIUM TOXICITY INJURY IN PHASEOLUS VULGARIS. J. AGRIC. SCI. 83: 539-543. 1974. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE. FIELD. SOIL SALINE SOIL. SODIUM, CHLORIDE LEAF INJURY. MINERAL COMPOSITION. VEGETATIVE GROWTH. SODIUM UPTAKE
117. AYOUB, A. T. EFFECT OF CALCIUM ON SODIUM SALINIZATION OF BEANS. J. EXPTL. BOT. 25: 245-252. 1974. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE. POT. SOIL CALCIUM. SODIUM, SULFATE, CHLORIDE VEGETATIVE GROWTH. SEED YIELD. ROOT GROWTH. NODULATION. MINERAL COMPOSITION
118. AYOUB, A. T. EFFECT OF SOME SOIL AMENDMENTS ON PLANT GROWTH. SURVIVAL AND YIELD OF DRY BEANS (PHASEOLUS VULGARIS L.) IN RELATION TO SODIUM TOXICITY. J. AGRIC. SCI. 85: 471-475. 1975. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. FIELD PLOT. SOIL SODIUM, CHLORIDE. GYPSUM. STRAW MULCH VEGETATIVE GROWTH. NODULATION
119. AYOUB, A. T. EFFECT OF SOME SOIL AMENDMENTS ON SODIUM UPTAKE AND TRANSLOCATION IN DRY BEANS (P. VULGARIS L.) IN RELATION TO SODIUM TOXICITY. J. AGRIC. SCI. 84: 537-541. 1975. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. FIELD PLOT. SOIL SODIUM, CHLORIDE. GYPSUM. MANURE. WHEAT STRAW VEGETATIVE GROWTH. ROOT GROWTH. SODIUM UPTAKE
120. AYOUB, A. T. SOME PRIMARY FEATURES OF SALT TOLERANCE IN SENNA (CASSIA ACUTIFOLIA). J. EXP. BOT. 28: 484-492. 1977. SENNA, ALEXANDRIAN LEGUMINOSAE: CASSIA ACUTIFOLIA. GERMINATION DISHES. SOIL, LYSIMETER SODIUM, CHLORIDE. TEMPERATURE. EXCHANGEABLE SODIUM PERCENTAGE. CALCIUM, SULFATE. IRRIGATION FREQUENCY GERMINATION. MINERAL COMPOSITION. VEGETATIVE GROWTH. SEED YIELD. POD YIELD
121. AYOUB, A. T.; ISHAG, H. M. SODIUM TOXICITY AND CATION IMBALANCE IN DRY BEANS (PHASEOLUS VULGARIS L.). J. AGRIC. SCI. 82: 339-342. 1974. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. SOIL SALINE SOIL LEAF INJURY. LEAF WATER CONTENT. MINERAL COMPOSITION. VEGETATIVE GROWTH
122. AYYAD, M. A.; EL-CHAREED, R. M. CORRELATION OF THE DISTRIBUTION OF COMMON HALOPHILOUS SPECIES AT BERG-EL-ARAB (EGYPT) WITH SALINITY AND LEVEL OF WATER TABLE. EGYPT. J. BOT. 10: 379-386. 1974. SEA BLITE; GLASSWORT FRANKENIACEAE: FRANKENIA REVOLUTA; CHENOPODIACEAE: SUAEDA FRUTICOSA, ARTHROCNEUM GLAUCUM, HALOCNEUM STROBILACEUM; LIMONIACEAE: LIMONIASTRUM MONOPETALUM. FIELD. SOIL WATER TABLE VEGETATIVE GROWTH
123. AZIMOV, R. A.; RAZMAEV, I. I. EFFECT OF CALCIUM ON SALT TOLERANCE OF GERMINATING COTTON SEEDS. UZB. BIOL. ZH. 14: 20-22. 1970. COTTON MALVACEAE: GOSSYPIMUM. SODIUM, CHLORIDE. CALCIUM SALT TOLERANCE. SEEDLING GROWTH
124. AZIMOV, R. A.; SOKOLOVA, T. B.; SULTANOV, A. EFFECT OF SODIUM CHLORIDE AND CALCIUM ON THE FATTY-ACID COMPOSITION OF THE OIL OF GERMINATING COTTON SEEDS. UZB. BIOL. ZH. 18: 24-26. 1974. COTTON MALVACEAE: GOSSYPIMUM. GERMINATION DISHES SODIUM, CHLORIDE. SEED PRETREATMENT FATTY ACID. OIL COMPOSITION. GERMINATION
125. AZIZ, M. A.; BHATTI, H. M. IMPORTANCE OF BARLEY FOR SALINE AND DRY LANDS IN WEST PAKISTAN. AGRIC. PAKISTAN 12: 687-689. 1961. BARLEY: WHEAT GRAMINEAE: HORDEUM VULGARE, TRITICUM AESTIVUM. SALINE SOIL LEAF INJURY. VEGETATIVE GROWTH. GRAIN YIELD
126. AZIZ, M. A.; BHATTI, H. M.; MAJID, A. SELECTION OF SALT TOLERANT VARIETIES OF WHEAT. AGRIC. PAKISTAN 13: 178-189. 1962. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GERMINATION DISHES. POT. FIELD PLOT VARIETY. SODIUM, CHLORIDE GERMINATION. VEGETATIVE GROWTH

127. AZIZ, M. A.; FATTAH, A.; SALAM, A. S. A.; ELMOFTY, I. A.; ABDEL-GAWWAD, M. M. SALT TOLERANCE OF ONION DURING GERMINATION AND EARLY SEEDLING GROWTH. DESERT INST. BULL. A.R.E. 22: 157-165. 1972. ONION AMARYLLIDACEAE: ALLIUM CEPA. SAND, POT VARIETY, SODIUM, CHLORIDE GERMINATION, SEEDLING GROWTH, VEGETATIVE GROWTH
128. AZIZBEKOVA, Z. S. EFFECT OF SULFATE SALINIZATION HARDENING ON THE PRODUCTIVITY OF CERTAIN AGRICULTURAL PLANTS. SOVIET PLANT PHYSIOL. 9: 591-594. 1962. COTTON; CORN; WHEAT MALVACEAE: GOSSYPIUM HIRSUTUM; GRAMINEAE: ZEA MAYS, TRITICUM AESTIVUM. GREENHOUSE, FIELD PLOT, SOIL MAGNESIUM, SULFATE, CHLORIDE VEGETATIVE GROWTH, SEED YIELD, RESPIRATION, ROOT GROWTH
129. AZIZBEKOVA, Z. S. INCREASING THE SALT RESISTANCE OF COTTON, CORN AND ALFALFA. (RUS). BAKU, IZD-VO AKAD. NAUK. AZERB. SSR: 216 PP. 1964. CORN; COTTON; ALFALFA GRAMINEAE: ZEA MAYS; MALVACEAE: GOSSYPIUM; LEGUMINOSAE: MEDICAGO SATIVA. SALT TOLERANCE
130. AZIZBEKOVA, Z. S. PHYSIOLOGY OF SWELLING AND GERMINATION OF SEEDS OF SOME FODDER GRASSES IN SALT SOLUTIONS. (RUS). IZV. AN AZERB. SSR, SERIYA BIOLOGICHESKAYA, NO. 2: 113-122. 1959. GRASS GERMINATION, WATER UPTAKE
131. AZIZBEKOVA, Z. S.; ASLANOV, S.; BABAIEVA, ZH. A. EFFECT OF SODIUM CHLORIDE ON THE CONTENT OF GLYCOALKALOIDS AND FREE AMINO ACIDS IN TOMATO PLANTS. (RUS). DOKL. AKAD. NAUK. AZ. SSR 29: 58-61. 1973. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. SODIUM, CHLORIDE GLYCOALKALOID, AMINO ACID
132. AZIZBEKOVA, Z. S.; BABAIEVA, ZH. A. CARBOHYDRATE METABOLISM IN MAIZE AFFECTED BY PRESOWING HARDENING ON SOIL SALTS OF VARIOUS QUALITIES. (RUS). IZV. AKAD. NAUK. AZERB. SER. BIOL. MED. NAUK. 6: 3-B. 1962. CORN GRAMINEAE: ZEA MAYS. FIELD, GREENHOUSE, SOIL CHLORIDE, SULFATE, SEED PRETREATMENT, SODIUM CARBOHYDRATE
133. AZIZBEKOVA, Z. S.; RZAEV, G. A.; ZEINALOVA, E. M. CHANGES IN PROTEIN NITROGEN IN WINTER WHEAT UNDER THE INFLUENCE OF SOIL WITH VARIOUS DEGREES OF SALINITY. IZV. AKAD. NAUK. AZ. SSR SER. BIOL. NAUK. 3: 3-6. 1972. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GREENHOUSE, POT, SOIL CHLORIDE, SULFATE, CARBONATE PROTEIN, NITROGEN UPTAKE
134. AZIZOV, A. A. EFFECT OF SALT CONCENTRATION ON GERMINATION OF MEYER SEA-LAVENDER SEEDS. (RUS). UZB. BIOL. ZH. 18: 22-24. 1974. LAVENDER, SEA PLUMBAGINACEAE: LIMONIUM MEYERI. SOIL SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, SULFATE GERMINATION
135. BABU, V. R.; KUMAR, S. SEED GERMINATION AND EARLY SEEDLING GROWTH OF WHEAT (TRITICUM AESTIVUM LINN.) CV. 1553 UNDER THE INFLUENCE OF SALINITY AND PLANT-GROWTH HORMONES. ANN. ARID ZONE 14: 221-228. 1975. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GERMINATION DISHES KINETIN, BENZYLADENINE GERMINATION, WATER CONTENT
136. BADALOV, M. SOME RESULTS OF VEGETATIVE REPRODUCTION OF GLYCYRRHIZA GLABRA ON SALINE SOILS OF THE HUNGARY STEPPE. (RUS). IN MATERIALY PO BIOLOGII VIDOV RODA GLYCYRRHIZA L.: 131-137. 1970. LICORICE LEGUMINOSAE: GLYCYRRHIZA GLABRA. SOIL, FIELD SALINE SOIL VEGETATIVE GROWTH, ROOT GROWTH
137. BADENHORST, J. H.; BURGERS, M. S. INVLOED VAN NAEL EN BOOR OP SAAIINGGRON VAN ENKELE KORING-CULTIVARS. EFFECT OF NAEL SODIUM CHLORIDE AND BORON ON SEEDLING GROWTH OF SOME WHEAT CULTIVARS. (AFR; ENG SUM). AGROPLANTAE 5: 95-100. 1973. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE SODIUM, CHLORIDE, BORON, VARIETY ROOT GROWTH, VEGETATIVE GROWTH
138. BADENHORST, J. H.; BURGERS, M. S. ONTKIEMING EN IMBIBISIE VAN SADE VAN BESPROEIJINGSKORING-CULTIVARS ONDER BRAKTOESTANDE. GERMINATION AND IMBIBITION OF SEEDS OF IRRIGATION WHEAT CULTIVARS UNDER SALINE CONDITIONS. (AFR; ENG SUM). AGROPLANTAE 5: 89-95. 1973. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GERMINATION DISHES SODIUM, CHLORIDE, SULFATE, BORON, OSMOTIC PRESSURE GERMINATION
139. BAGDASARASHVILI, Z. G. IN REGARD TO SALT RESISTANCE OF GRAPE VINE. (RUS). POCHVOVEDENIE 6: 551-561. 1952. GRAPE VITACEAE: VITIS. SOIL VARIETY, SALINE SOIL, GRAFT SCION, SODIUM, CHLORIDE, SULFATE CHLORIDE UPTAKE, VEGETATIVE GROWTH, ROOT GROWTH

140. BAGDASARASHVILI, Z. G. INFLUENCE OF CERTAIN SALTS UPON THE GERMINATION OF SEEDS OF GRUZIYAN GRAPE VARIETIES. (RUS).
AKAD. NAUK. GRUZINSKOI SSR. INST. VINOGRAD. I. VINODEL. TRUDY 7: 99-124. 1951. GRAPE VITACEAE: VITIS.
GERMINATION DISHES VARIETY. CHLORIDE. SODIUM GERMINATION
141. BAGDASARASHVILI, Z. G. SALT RESISTANCE OF THE RKATZITELI GRAPE VINE ON VARIOUS STOCKS. (RUS). PEDOLOGY 1: 16-29.
1942. GRAPE VITACEAE: VITIS. SAND SODIUM. CHLORIDE. SULFATE. ROOTSTOCK. MAGNESIUM. CALCIUM VEGETATIVE
GROWTH. FRUIT YIELD. ROOT GROWTH
142. BAINS, S. S.; FIREMAN, M. EFFECT OF EXCHANGEABLE SODIUM PERCENTAGE ON THE GROWTH AND ABSORPTION OF ESSENTIAL NUTRIENTS
AND SODIUM BY FIVE CROP PLANTS. AGRON. J. 56: 432-435. 1964. CORN; RYEGRASS; SORGHUM; SAFFLOWER; TOMATO
GRAMINEAE: ZEA MAYS. LOLIUM PERENNE. SORGHUM VULGARE; COMPOSITAE: CARTHAMUS TINCTORIUS; SOLANACEAE: LYCOPERSICON
ESCULENTUM. GREENHOUSE. SOIL. POT SODIUM. BICARBONATE. EXCHANGEABLE SODIUM PERCENTAGE VEGETATIVE GROWTH.
GERMINATION. MINERAL COMPOSITION
143. BAINS, S. S.; FIREMAN, M. GROWTH OF SORGHUM IN TWO SOILS AS AFFECTED BY SALINITY, ALKALI, NITROGEN AND PHOSPHORUS
LEVELS. INDIAN J. AGRON. 13: 103-111. 1968. SORGHUM GRAMINEAE: SORGHUM VULGARE. POT. SOIL SODIUM.
CALCIUM. MAGNESIUM. CHLORIDE. CALCAREOUS. NONCALCAREOUS. FERTILITY. EXCHANGEABLE SODIUM PERCENTAGE GERMINATION.
VEGETATIVE GROWTH
144. BAINS, S. S.; SINGH, K. N.; WAYSE, S. B. SALT TOLERANCE STUDIES WITH BERSEEM (TRIFOLIUM ALEXANDRINUM) WITH SPECIAL
REFERENCE TO GERMINATION, STAND, AND YIELD. PROC. SYMP. ON WATER MANAGEMENT. INDIAN SOC. AGRON. (UDAIPUR):
267-269. 1966. CLOVER. BERSEEM LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. SOIL. POT. FIELD PLOT GROWTH STAGE.
SODIUM. CHLORIDE GERMINATION
145. BAJPAI, P. D.; GUPTA, B. R.; SINGH, C. A NOTE ON THE EFFECT OF SALINITY ON SYMBIOSIS BETWEEN RHIZOBIUM TRIFOLII AND
BERSEEM (TRIFOLIUM ALEXANDRINUM) CROPS. J. INDIAN SOC. SOIL SCI. 22: 375-376. 1974. CLOVER. BERSEEM
LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. GREENHOUSE. SOIL. POT SODIUM. CALCIUM. MAGNESIUM. CHLORIDE. RHIZOBIUM
TRIFOLII NODULATION. GERMINATION. VEGETATIVE GROWTH
146. BAJWA, M. S.; BHUMBLA, D. R. GROWTH AND CATION ABSORPTION BY PLANTS UNDER DIFFERENT LEVELS OF SODIUM. INDIAN J.
AGRIC. SCI. 44: 598-601. 1974. DHAINCHA; PARA GRASS GRAMINEAE: BRACHIARIA MUTICA; LEGUMINOSAE: SESBANIA
BISPINOSA. WATER CULTURE CALCIUM. SODIUM CALCIUM UPTAKE. SODIUM UPTAKE. MINERAL COMPOSITION
147. BAJWA, M. S.; BHUMBLA, D. R. RELATIONSHIP BETWEEN ROOT CATION-EXCHANGE CAPACITY AND SODIUM TOLERANCE OF DIFFERENT
CROPS. PLANT SOIL 34: 57-63. 1971. WHEAT; BARLEY; PEA. CHICK; OKRA; DHAINCHA; PARA GRASS GRAMINEAE: TRITICUM
AESTIVUM. HORDEUM VULGARE. BRACHIARIA MUTICA; LEGUMINOSAE: SESBANIA ACULEATA. CICER ARIETINUM; MALVACEAE: HIBISCUS
ESCULENTUS. POT. SOIL SODIUM. BICARBONATE. EXCHANGEABLE SODIUM PERCENTAGE VEGETATIVE GROWTH. ROOT GROWTH.
MINERAL COMPOSITION
148. BAJWA, M. S.; BHUMBLA, D. R.; CHAUDHARY, M. R. EFFECT OF THE LEVELS OF APPLIED NITROGEN ON THE GROWTH AND SODIUM
TOLERANCE OF CROPS. INDIAN J. ECOL. 2: 30-36. 1975. WHEAT; BARLEY; PARA GRASS GRAMINEAE: TRITICUM AESTIVUM.
HORDEUM VULGARE. PANICUM PURPURASCENS. SOIL. POT NITROGEN. FERTILIZER. EXCHANGEABLE SODIUM PERCENTAGE. SODIUM.
BICARBONATE VEGETATIVE GROWTH. SODIUM TOLERANCE. SODIUM UPTAKE
149. BAJWA, M. S.; DEV, G. EFFECT OF SOIL SALINITY ON THE GERMINATION OF SUGARCANE. SCI. CULT. 36: 167-168. 1970.
SUGARCANE GRAMINEAE: SACCHARUM OFFICINAPUM. GREENHOUSE. SOIL VARIETY. SODIUM. CHLORIDE. SULFATE. BICARBONATE
GERMINATION
150. BAJWA, M. S.; SINGH, K. STUDIES ON THE BORON TOLERANCE OF BERSEEM (TRIFOLIUM ALEXANDRINUM L.) AND OATS (AVENA SATIVA
L.). PLANT SOIL 46: 45-53. 1977. CLOVER. BERSEEM; OATS LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM; GRAMINEAE: AVENA
SATIVA. GREENHOUSE. SOIL BORON BORON TOLERANCE. BORON UPTAKE
151. BAKER, J. H. RELATIONSHIP BETWEEN SALT CONCENTRATIONS IN LEAVES AND SAP AND THE DECLINE OF SUGAR MAPLES ALONG

- ROADSIDES. MASS. EXPT. STA. BULL. 553: 16 PP. 1965. MAPLE, SUGAR ACERACEAE: ACER SACCHARUM. FIELD SODIUM, CALCIUM, CHLORIDE LEAF INJURY, MINERAL COMPOSITION
152. BAKR, A. M.; HEGAZY, A. T.; ASHOUR, N. I.; EL-FOULY, M. M.; MOURSY, H. A. INDUCING SALT TOLERANCE IN WHEAT. BEITR. TROP. SUBTROP. LANDWIRTSCH TROPENVETERINARMED 8: 229-240. 1970. WHEAT GRAMINEAE: TRITICUM AESTIVUM. FIELD, SOIL CHLORIDE, BICARBONATE, SULFATE, SODIUM, CALCIUM, MAGNESIUM, ZINC, GIBBERELIC ACID, BORIC ACID, MANGANESE, (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE VEGETATIVE GROWTH, SEED YIELD, PROTEIN
 153. BAL, A. R. EFFECT OF SOIL SALINITY ON THE VIABILITY OF WHEAT SEEDS. CURR. SCI. 43: 412-413. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GERMINATION DISHES SALINE SOIL GERMINATION
 154. BAL, A. R. A NOTE ON THE COMPARATIVE STUDY OF FREE AMINO-ACIDS CONTENT BETWEEN WILD SALT TOLERANT RICE AND CULTIVATED RICE VARIETIES. CURR. SCI. 44: 194-195. 1975. RICE GRAMINEAE: ORYZA COARCTATA, ORYZA SATIVA. AMINO ACID, PROLINE
 155. BAL, A. R. SALINITY TOLERANCE THROUGH SEED TREATMENT WITH PROLINE. BIOL. PLANT 18: 227-229. 1976. RICE GRAMINEAE: ORYZA SATIVA. GERMINATION DISHES PROLINE, ALANINE, SEED PRETREATMENT, SODIUM, CHLORIDE GERMINATION
 156. BALASUBRAMANIAN, V.; SARIN, M. N. ACCUMULATION AND ASSIMILATION OF NITRATE AND PHOSPHATE IN SALT STRESSED WHEAT (TRITICUM AESTIVUM L.) SEEDLINGS. INDIAN J. EXPT. BIOL. 13: 275-276. 1975. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL SODIUM, CALCIUM, CHLORIDE MINERAL COMPOSITION, NITRATE UPTAKE, NITROGEN METABOLISM, PHOSPHATE UPTAKE, PHOSPHATE METABOLISM
 157. BALASUBRAMANIAN, V.; SARIN, M. N. AN ANALYSIS OF GROWTH OF SALT-STRESSED WHEAT SEEDLINGS. INDIAN J. PLANT PHYSIOL. 17: 23-27. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. WATER CULTURE, SOIL SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, ROOT GROWTH, MINERAL COMPOSITION
 158. BALASUBRAMANIAN, V.; SARIN, M. N. EFFECT OF GROWTH RETARDANTS ON YIELD OF WHEAT GROWN ON SALINE SOIL. INDIAN J. PLANT PHYSIOL. 17: 36-38. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL SODIUM, CALCIUM, CHLORIDE, PHOSFON, GIBBERELIC ACID, (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE VEGETATIVE GROWTH, SEED YIELD, SEED WEIGHT
 159. BALASUBRAMANIAN, V.; SINHA, S. K. EFFECTS OF SALT STRESS ON GROWTH, NODULATION, AND NITROGEN FIXATION IN COW PEA AND MUNG BEANS. PHYSIOL. PLANT. 36: 197-200. 1976. COWPEA; BEAN, MUNG LEGUMINOSAE: VIGNA SINENSIS, VIGNA AUREUS. SAND SODIUM, CHLORIDE VEGETATIVE GROWTH, NODULATION, NITROGEN FIXATION
 160. BALASUBRAMANIAN, V.; SINHA, S. K. NODULATION AND NITROGEN FIXATION IN CHICK PEA (CICER ARIETINUM L.) UNDER SALT STRESS. J. AGRIC. SCI., CAMB. 87: 465-466. 1976. PEA, CHICK LEGUMINOSAE: CICER ARIETINUM. SAND, POT RHIZOBIUM, SODIUM, CHLORIDE VEGETATIVE GROWTH, NODULATION, NITROGEN FIXATION
 161. BALBA, A. M. EFFECT OF WATERS WITH DIFFERENT SODIUM AND CARBONATE CONCENTRATIONS ON THE SOIL CHEMICAL PROPERTIES AND THE GROWTH AND COMPOSITION OF PLANTS. J. SOIL SCI. UAR 1: 84-97. 1961. ONION AMARYLLIDACEAE: ALLIUM CEPA. POT. SOIL SODIUM, CARBONATE, CALCIUM VEGETATIVE GROWTH, MINERAL COMPOSITION
 162. BALLANTYNE, A. K. TOLERANCE OF CEREAL CROPS TO SALINE SOILS IN SASKATCHEWAN. CAN. J. SOIL SCI. 42: 61-67. 1962. WHEAT; BARLEY; OATS GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGAPE, AVENA SATIVA. FIELD, SOIL SALINE SOIL LEAF INJURY
 163. BALSER, R. E. PLANTS AND DE-ICING SALTS. AM. NURSERYMAN 144: 8-9. 1976. TREE; SHRUB DEICING SALT LEAF INJURY, CHLORIDE UPTAKE, SODIUM UPTAKE
 164. BALTENSPERGER, A. A. CROP PLANTS -WATER USE AND SALT TOLERANCE. PROC. WATER CONF. NEW MEXICO A AND M COLLEGE: 143-153. 1966.

165. BAR-NUN, N.; POLJAKOFF-MAYBER, A. SALINITY STRESS AND THE CONTENT OF PROLINE IN ROOTS OF PISUM SATIVUM AND TAMARIX TETRAGYNA. ANN. BOT. 41: 173-179. 1977. PEA: HALOPHYTE LEGUMINOSAE: PISUM SATIVUM; TAMARICACEAE: TAMARIX TETRAGYNA. VERMICULITE SODIUM, CHLORIDE, PROLINE, GLUTAMIC ACID PROLINE, AMINO ACID
166. BARAKAT, M. A.; FAKHRY, S. I.; KHALIL, M. A. M. INTERACTION EFFECTS OF SALINITY OF THE SOIL AND NITROGEN FERTILIZER ON WHEAT YIELD OF GRAIN AND PROTEIN. U.A.R. J. SOIL SCI. 10: 169-186. 1970. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL SODIUM, CALCIUM, CHLORIDE, NITROGEN, FERTILIZER GRAIN YIELD, STRAW YIELD, PROTEIN
167. BARAKAT, M. A.; KHALIL, M. K.; MITKEES, A. I. SALT TOLERANCE OF FOUR FORAGE CROPS. ALEX. J. AGRIC. RES. 18: 277-283. 1970. SUDAN GRASS; SORGHUM GRAMINEAE: SORGHUM SUDANENSE, SORGHUM VULGARE. SOIL, POT SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION
168. BARBOUR, M. G. GERMINATION AND EARLY GROWTH OF THE STRAND PLANT CAKILE MARITIMA. BULL. TORREY BOT. CLUB 97: 13-22. 1970. SEA ROCKET CRUCIFERAE: CAKILE MARITIMA. GERMINATION DISHES, SAND, POT, GROWTH CHAMBER, SOIL, SPRINKLER, IRRIGATION SEA WATER, TEMPERATURE, LIGHT GERMINATION, VEGETATIVE GROWTH, ROOT GROWTH, SEEDLING GROWTH
169. BARBOUR, M. G. SALT TOLERANCE OF 5 CALIFORNIA SALT MARSH PLANTS. AMER. MIDLAND NATUPE 84: 262-265. 1970. SALTGRASS; ICE PLANT GRAMINEAE: DISTICHLIS SPICATA; FRANKENIACEAE: FRANKENIA GRANDIFOLIA; COMPOSITAE: JAUMEA CARNOSA; AIZOACEAE: MESEMBRYANTHEMUM CHILENSE; CHENOPODIACEAE: SALICORNIA VIRGINICA. GREENHOUSE, SAND, POT SEA WATER VEGETATIVE GROWTH
170. BARBOUR, M. G.; DEJONG, T. M. RESPONSE OF WEST COAST BEACH VEGETATION TAXA TO SALT SPRAY, SEAWATER INUNDATION, AND SOIL SALINITY. BULL. TORREY BOT. CLUB 104: 29-34. 1977. VERBENA, SAND; SEA ROCKET; MORNING-GLORY, BEACH COMPOSITAE: FRANSERIA CHAMISSONIS; ONAGRACEAE: CAMISSONIA CHERIANTHIFOLIA; CONVULVULACEAE: CALYSTEGIA SOLDANELLA; CRUCIFERAE: CAKILE EDENTULA, CAKILE MARITIMA; LEGUMINOSAE: LATHYRUS JAPONICUS, LATHYRUS LITTORALIS; CHENOPODIACEAE: ATRIPLEX LEUCOPHYLLA; NYCTAGINACEAE: ABRONIA LATIFOLIA, ABRONIA MARITIMA. POT, SAND, GROWTH CHAMBER SEA WATER, SALT SPRAY SALT TOLERANCE, ECOLOGY
171. BARNES, W. C.; PEELE, T. C. THE EFFECT OF VARIOUS LEVELS OF SALT IN IRRIGATION WATER ON VEGETABLE CROPS. PROC. AMER. SOC. HORT. SCI. 72: 339-342. 1958. BEAN; POTATO LEGUMINOSAE: PHASEOLUS VULGARIS; SOLANACEAE: SOLANUM TUBEROSUM. FIELD PLOT, SOIL, SPRINKLER IRRIGATION SODIUM, CHLORIDE LEAF INJURY
172. BARTOLOMAEUS, W. UNTERSUCHUNGEN ZUR SALZVERTRAGLICHKEIT VERSCHIEDENER LANDWIRTSCHAFTLICHER NUTZPFLANZEN SOWIEHINWEISE ZUR ERSCHLIESSUNG VON OSTSEEWASSER FUR DIE BEREGNUNG. STUDIES ON THE SALT TOLERANCE OF VARIOUS AGRICULTURAL CROPS AS WELL AS ADVICE FOR OPENING THE BALTIC SEA WATERS FOR IRRIGATION. (GEP). INT. Z. LANDWIRTSCH. 1: 34-37. 1976. POTATO; BEET, SUGAR; CABBAGE, KALE; TIMOTHY; FESCUE, TALL; RYEGRASS, PERENNIAL; BLUEGRASS, KENTUCKY; FESCUE, RED; CLOVER, WHITE; CLOVER, RED GRAMINEAE: FESTUCA ELATIOR, FESTUCA RUBRA, LOLIUM PERENNE, POA PRATENSIS, PHEUM PRATENSE; LEGUMINOSAE: TRIFOLIUM PRATENSE, TRIFOLIUM REPENS; CHENOPODIACEAE: BETA VULGARIS; SOLANACEAE: SOLANUM TUBEROSUM; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA, BRASSICA OLERACEA VAR ACEPHALA. SOIL, FIELD SEA WATER MINERAL COMPOSITION, SALT TOLERANCE
173. BASAK, M. BEHAVIOR OF JUTE SEEDS TOWARD SALINE SOLUTION DURING THE PROCESS OF GERMINATION. SCI. CULT. 17: 38-40. 1951. JUTE TILIACEAE: CORCHORUS CAPSULARIS. GERMINATION DISHES, SOIL, POT SODIUM, CHLORIDE GERMINATION
174. BASLAVSKAYA, S. INFLUENCE OF THE CHLORIDE ION ON THE CONTENT OF CARBOHYDRATES IN POTATO LEAVES. PLANT PHYSIOL. 11: 363-372. 1936. POTATO SOLANACEAE: SOLANUM TUBEROSUM. FIELD PLOT, POT, SOIL, SAND, CHLORIDE, SULFATE VEGETATIVE GROWTH, STARCH, CARBOHYDRATE, SUGAR
175. BASLAVSKAYA, S.; SYROESHKINA, M. INFLUENCE OF THE CHLORIDE ION ON THE CONTENT OF THE CHLOROPHYLL IN THE LEAVES OF POTATOES. PLANT PHYSIOL. 11: 194-195. 1936. POTATO SOLANACEAE: SOLANUM TUBEROSUM. FIELD PLOT, POT POTASSIUM, SODIUM, CHLORIDE, AMMONIUM, SULFATE CHLOROPHYLL, LEAF WATER CONTENT
176. BATCHELDER, A. R.; GALLATIN, M. H.; LUNIN, J. SALINE IRRIGATION OF SEVERAL VEGETABLE CROPS AT VARIOUS GROWTH STAGES.

- II. EFFECT ON CATION COMPOSITION OF CROPS AND SOILS. AGRON. J. 55: 111-114. 1963. BEET; SPINACH; TOMATO. PEPPER; BROCCOLI; ONION. CHENOPODIACEAE: BETA VULGARIS. SPINACIA OLERACEA; SOLANACEAE: LYCOPERSICON ESCULENTUM. CAPSICUM FRUTESCENS; CRUCIFERAE: BRASSICA OLERACEA VAR ITALICA; AMARYLLIDACEAE: ALLIUM CEPA. GREENHOUSE. SOIL. POT. SODIUM, MAGNESIUM, CALCIUM, POTASSIUM, CHLORIDE, SULFATE. MINERAL COMPOSITION, SEEDLING GROWTH, VEGETATIVE GROWTH
177. BAZZAZ, F. A. SEED GERMINATION IN RELATION TO SALT CONCENTRATION IN 3 POPULATIONS OF PROSOPIS FARCTA. OECOLOGIA (BERL) 13: 73-80. 1973. LEGUMINOSAE: PROSOPIS FARCTA. GERMINATION DISHES, WATER CULTURE, GROWTH CHAMBER. SODIUM, CHLORIDE. GERMINATION, SEEDLING GROWTH, RESPIRATION
178. BEATTY, K. D.; EHLIG, C. F. A TECHNIQUE FOR TESTING AND SELECTING FOR SALT TOLERANCE IN SUGARBEET. J. AMER. SOC. SUGAR BEET TECHNOL. 17: 295-299. 1973. BEET, SUGAR. CHENOPODIACEAE: BETA VULGARIS. SAND, GERMINATION DISHES. POT. SODIUM, BICARBONATE, CHLORIDE, CALCIUM, MAGNESIUM, SULFATE, VARIETY. GERMINATION
179. BECK, J. B. OBSERVATIONS ON SALT STORMS AND THE INFLUENCE OF SALT AND SALINE AIR UPON ANIMAL AND VEGETABLE LIFE. AMER. J. SCI. 1: 388-397. 1819. SEA WATER, WIND, SALT SPRAY. LEAF INJURY
180. BEEFTINK, W. G. EXAMINATION OF SOILS AND CROPS AFTER THE INUNDATIONS OF 1ST FEBRUARY, 1953. III. SENSITIVITY TO SALT OF INUNDATED FRUIT CROPS. NETH. J. AGRIC. SCI. 3: 15-34. 1955. APPL: PEAR; PLUM; CHERRY; CURRANT, BLACK; CURRANT, RED; CURRANT, WHITE; WALNUT; GOOSEBERRY; GRAPE; MULBERRY. ROSACEAE: MALUS SYLVESTRIS, PYRUS COMMUNIS, PRUNUS DOMESTICA, PRUNUS CERASUS; SAXIFRAGACEAE: RIBES NIGRUM, RIBES SATIVUM, RIBES GROSSULARIA; JUGLANDACEAE: JUGLANS NIGRA; VITACEAE: VITIS; MORACEAE: MORUS. FIELD. SEA WATER. LEAF INJURY
181. BELCHER, C. R.; GAFFNEY, F. B. PINES ON A HIGH SALT DIET. SOIL CONSERV. 40: 11. 1974. PINE, JAPANESE BLACK; PINE, WHITE; PINE, AUSTRIAN; PINE, PITCH. PINACEAE: PINUS NIGRA, PINUS THUNBERGII, PINUS STROBUS, PINUS RIGIDA. SOIL, FIELD PLOT. SALINE SOIL, SALINE WATER, SALT SPRAY. SALT TOLERANCE
182. BELOUSOV, E. M. EFFECT OF THE RATIOS OF MONO AND BIVALENT CATIONS WITH CHLORIDE AND SULFATE SALINIZATION ON THE DEVELOPMENT OF PLANTS AND THE CONTENT OF INORGANIC ELEMENTS IN COTTON. (RUS). TR. VSES. NAUCH. ISSLED. INST. KHLOPKOVCD 32: 80-88. 1975. COTTON. MALVACEAE: GOSSYPIMUM. SAND. CHLORIDE, SULFATE. VEGETATIVE GROWTH, LINT YIELD, MINERAL COMPOSITION
183. BEN-YA'ACOV, A. D. CHARACTERISTICS ASSOCIATED WITH SALT TOLERANCE IN AVOCADOS GRAFTED ON MEXICAN AND WEST INDIAN ROOTSTOCKS. PROC. INTER. HORT. CONG. 18TH (TEL AVIV, ISRAEL) 1: 135. 1970. AVOCADO. LAURACEAE, PERSEA AMERICANA. MINERAL COMPOSITION, VEGETATIVE GROWTH, LEAF INJURY
184. BENECKE, W. ZUR BIOLOGIE DER STRAND UND DUNENFLORA. 1. VERGLEICHENDE VERSUCHE UBER DIE SALZTOLERANZ VON AMMOPHILA ARENARIA LINK, ELYMUS ARENARIUS L. UND AGROPYRUM JUNCHEUM L. BIOLOGY OF STRAND AND DUNE PLANTS. 1. COMPARATIVE EXPERIMENTS ON THE SALT TOLERANCE OF AMMOPHILA ARENARIA LINK, ELYMUS ARENARIUS L. AND AGROPYRUM JUNCHEUM L. (GER). BER. DTECH. BOT. GES. 48: 127-139. 1930. BEACHGRASS; LYME GRASS, SEA; WHEATGRASS. GRAMINEAE: AMMOPHILA ARENARIA, ELYMUS ARENARIUS, AGROPYRON JUNCHEUM. FIELD, SOIL. SEA WATER. ECOLOGY, SALT TOLERANCE
185. BENZONI, A.; ITAI, C.; VAADIA, Y. WATER AND SALT STRESSES KINETIN, AND PROTEIN SYNTHESIS IN TOBACCO LEAVES. PLANT PHYSIOL. 42: 361-365. 1967. TOBACCO. SOLANACEAE: NICOTIANA RUSTICA. GREENHOUSE, POT, SOIL. SODIUM, CHLORIDE, OSMOTIC STRESS, WATER STRESS, MANNITOL. LEUCINE, PROTEIN, CYTOKININ
186. BENZONI, A.; MIZRAHI, Y.; RICHMOND, A. E. EFFECTS OF KINETIN ON PLANT RESPONSE TO SALINITY. NEW PHYTOL. 73: 315-319. 1974. TOBACCO. SOLANACEAE: NICOTIANA RUSTICA. GREENHOUSE, WATER CULTURE, POT. SODIUM, CHLORIDE, KINETIN. MINERAL COMPOSITION, LEAF INJURY, SODIUM UPTAKE, CHLORIDE UPTAKE, VEGETATIVE GROWTH, ROOT GROWTH
187. BEREZENKO, G. Z. WAYS OF INCREASING SALT RESISTANCE OF GRAPE VINES. (RUS). VINODEL. I VINOGRAD. SSSR 13: 12-14. 1953. GRAPE. VITACEAE: VITIS. SALT TOLERANCE.



188. BEREZIN, E. L. SALT RESISTANCE OF FRAXINUS SOGDIANA. (RUS). AKAD. NAUK. KAZAKHSKOI SSR. VEST. 11: 72-75. 1954. ASH
OLEACEAE: FRAXINUS SOGDIANA. FIELD. SOIL SALINE SOIL. CHLORIDE. SULFATE ECOLOGY. SALT TOLERANCE
189. BERG, C. VAN DEN DE INUNDATIES GEDURENDE 1944-1945 EN HUN GEVOLGEN VOOR DE LANDBOUW DEEL XII. DE INVLOED VAN OPGENOMEN
ZOUTEN OP DE GROEI EN PRODUCTIE VAN LANDBOUWGEWASSEN OP ZOUTE GRONDEN. THE INFLUENCE OF ABSORBED SALTS ON GROWTH
AND YIELD OF AGRICULTURAL CROPS ON SALTY SOILS. XII. THE INUNDATIONS OF 1944-1945 IN THE NETHERLANDS AND THEIR
EFFECT ON AGRICULTURE. (DUT: ENG SUM). DIR. VAN DEN LANDBOUW. VERSLAG. VAN LANDBOUWK. ONDERZOEK. 58.5: 118 PP.
1952. PEA: BARLEY: BEET. SUGAR: OATS: WHEAT: FLAX: POTATO: BEAN. KIDNEY: BEAN. BROAD GRAMINEAE: AVENA SATIVA.
TRITICUM AESTIVUM. HORDEUM VULGARE: LEGUMINOSAE: PISUM SATIVUM. VICIA FABA. PHASEOLUS VULGARIS: CHENOPODIACEAE:
BETA VULGARIS: LINACEAE: LINUM USITATISSIMUM: SOLANACEAE: SOLANUM TUBEROSUM. FIELD PLOT. POT. SOIL SODIUM.
CHLORIDE. CALCIUM VEGETATIVE GROWTH. OSMOTIC POTENTIAL. GERMINATION
190. BERG, C. VAN DEN DE INUNDATIES GEDURENDE 1944-45 EN HUN GEVOLGEN VOOR DE LANDBOUW. DEEL VI. DE REACTIE VAN
LANDBOUWGEWASSEN OP HET ZOUTGEHALTE VAN DE BODEM. THE INUNDATIONS DURING 1944-45 AND THEIR CONSEQUENCES FOR THE
AGRICULTURE. PART VI. THE RESPONSE OF AGRICULTURAL CROPS ON THE SALT CONTENT OF THE SOIL. (DUT). VERSLAGEN VAN
LANDBOUWKUNDIGE ONDERZOEKINGEN. MINIST. V. LANDBOUW. THE HAGUE. 56.16: 97 PP. 1950. WHEAT: BARLEY: OATS: PEA:
BEAN: POTATO: BEET. SUGAR: FLAX: ONION GRAMINEAE: TRITICUM AESTIVUM. HORDEUM VULGARE. AVENA SATIVA: LEGUMINOSAE:
PISUM SATIVUM. PHASEOLUS VULGARIS: SOLANACEAE: SOLANUM TUBEROSUM: CHENOPODIACEAE: BETA VULGARIS: LINACEAE: LINUM
USITATISSIMUM: AMARYLLIDACEAE: ALLIUM CEPA. SOIL. FIELD SALINE SOIL CROP QUALITY
191. BERG, C. VAN DEN THE INFLUENCE OF SALT IN THE SOIL ON THE YIELD OF AGRICULTURAL CROPS. IV. INTERN. CONG. SOC. SOIL
SCI. 1: 411-413. 1950. BARLEY: OATS: WHEAT: RYE: CLOVER. RED: PEA: BEET. SUGAR: POTATO: FLAX: CARAWAY
GRAMINEAE: HORDEUM VULGARE. AVENA SATIVA. TRITICUM AESTIVUM. SECALE CEREALE: LEGUMINOSAE: TRIFOLIUM PRATENSE. PISUM
SATIVUM: CHENOPODIACEAE: BETA VULGARIS: SOLANACEAE: SOLANUM TUBEROSUM: LINACEAE: LINUM USITATISSIMUM: UMBELLIFERAE:
CARUM CARVI. FIELD. SOIL SEA WATER LEAF INJURY
192. BERG, C. VAN DEN (ED.) PLANTS IN RELATION TO WATERLOGGING AND SALINITY. INTERNATIONAL SOURCE BOOK ON IRRIGATION,
DRAINAGE AND SALINITY. FAO. ROME: UNESCO. PARIS: 254-290. 1973. SALT TOLERANCE
193. BERG, C. VAN DEN; WESTERHOF, J. J. EXAMINATION OF SOILS AND CROPS AFTER THE INUNDATIONS OF 1ST FEBRUARY, 1953. I.
SALTY SOILS AND AGRICULTURAL CROPS. NETH. J. AGRIC. SCI. 2: 242-253. 1954. BARLEY: OATS: BEET. SUGAR: POTATO:
FLAX: PEA: CLOVER. RED GRAMINEAE: HORDEUM VULGARE. AVENA SATIVA: LEGUMINOSAE: PISUM SATIVUM. TRIFOLIUM PRATENSE:
LINACEAE: LINUM USITATISSIMUM: CHENOPODIACEAE: BETA VULGARIS: SOLANACEAE: SOLANUM TUBEROSUM. SOIL. FIELD SALINE
SOIL ECOLOGY
194. BERNSTEIN, L. CROP GROWTH AND SALINITY. IN JAN VAN SCHILFGAARDE (ED.) DRAINAGE FOR AGRICULTURE. AGRONOMY 17: 39-54.
1974.
195. BERNSTEIN, L. EFFECTS OF SALINITY AND SODICITY ON PLANT GROWTH. ANNU. REV. PHYTOPATH. 13: 295-312. 1975.
196. BERNSTEIN, L. EFFECTS OF SALINITY ON MINERAL COMPOSITION AND GROWTH OF PLANTS. PLANT ANALYSIS AND FERTILIZER
PROBLEMS 4: 25-45. 1964.
197. BERNSTEIN, L. LETTUCE: SALINITY AND SOIL MANAGEMENT IN RELATION TO GERMINATION. WESTERN GROWER AND SHIPPER 26: 20,
25, 27. 1955. LETTUCE COMPOSITAE: LACTUCA SATIVA.
198. BERNSTEIN, L. OSMOTIC ADJUSTMENT OF PLANTS TO SALINE MEDIA. I. STEADY STATE. AMER. J. BOT. 48: 909-918. 1961.
COTTON: PEPPER. BELL MALVACEAE: COSSYPIUM: SOLANACEAE: CAPSICUM FRUTESCENS. WATER CULTURE, POT. GREENHOUSE.
GROWTH CHAMBER SODIUM. CHLORIDE VEGETATIVE GROWTH. OSMOTIC POTENTIAL
199. BERNSTEIN, L. OSMOTIC ADJUSTMENT OF PLANTS TO SALINE MEDIA. II. DYNAMIC PHASE. AMER. J. BOT. 50: 360-370. 1963.
BEAN. RED KIDNEY DWARF: PEPPER. BELL LEGUMINOSAE: PHASEOLUS VULGARIS: SOLANACEAE: CAPSICUM FRUTESCENS.
GREENHOUSE. WATER CULTURE. POT SODIUM. CHLORIDE OSMOTIC POTENTIAL. MINERAL COMPOSITION. VEGETATIVE GROWTH



200. BERNSTEIN, L. PLANTS AND THE SUPERSALINE HABITAT. CONTRIB. MARINE SCI. 12: 242-248. 1967.
201. BERNSTEIN, L. QUANTITATIVE ASSESSMENT OF IRRIGATION WATER QUALITY. WATER QUALITY CRITERIA, ASTM STP 416, AMER. SOC. TESTING MATS. 51 PP. 1967. SOIL SALINE WATER, WATER QUALITY EVAPOTRANSPIRATION, DRAINAGE, SOIL INFILTRATION
202. BERNSTEIN, L. REDUCING SALT INJURY TO ORNAMENTAL SHRUBS IN THE WEST. USDA HOME AND GARDEN BULL. 95: 6 PP. 1964.
203. BERNSTEIN, L. SALINITY AND CITRUS. CALIF. CITRO. 50: 273-276. 1965. RUTACEAE: CITRUS.
204. BERNSTEIN, L. SALINITY AND ROSES. AMER. ROSE ANNU.: 120-124. 1964. ROSE ROSACEAE: ROSA.
205. BERNSTEIN, L. SALINITY FACTORS AND THEIR LIMITS FOR CITRUS CULTURE. INT. CITRUS SYMP., PROC. 1ST (UNIV. CALIFORNIA, RIVERSIDE) III: 1779-1782. 1969. RUTACEAE: CITRUS.
206. BERNSTEIN, L. SALT TOLERANCE OF FIELD CROPS. USDA INFO. BULL. 217: 6 PP. 1960.
207. BERNSTEIN, L. SALT TOLERANCE OF FRUIT CROPS. USDA INFO. BULL. 292: 8 PP. 1965.
208. BERNSTEIN, L. SALT TOLERANCE OF GRASSES AND FORAGE LEGUMES. USDA INFO. BULL. 194: 7 PP. 1958.
209. BERNSTEIN, L. SALT TOLERANCE OF PLANTS AND THE POTENTIAL USE OF SALINE WATERS FOR IRRIGATION. DESALINIZATION RES. CONF., NAT. ACAD. SCI., NAT. RES. COUNCIL PUBL. 942: 273-283. 1961.
210. BERNSTEIN, L. SALT TOLERANCE OF PLANTS. USDA INFO. BULL. 283: 23 PP. 1964.
211. BERNSTEIN, L. SALT TOLERANCE OF VEGETABLE CROPS IN THE WEST. USDA INFO. BULL. 205: 5 PP. 1959.
212. BERNSTEIN, L. SALT-AFFECTED SOILS AND PLANTS. IN THE PROBLEMS OF THE ARID ZONES PROC. UNESCO SYMP. (PARIS, FRANCE) 18TH: 139-174. 1962.
213. BERNSTEIN, L. SHRUBS FOR SALINE SOILS. USDA AGRIC. RES. 11: 8-9. 1963. OLEANDER: BOTTLEBRUSH: ARBORVITAE: JUNIPER, SPREADING: PRIVET, TEXAS: VIBURNUM: GUAVA: PINEAPPLE: ROSE: LANTANA: PYRACANTHA: PITTOSPOFUM: XYLOSMA APOCYNACEAE: NERIUM OLEANDER: MYRTACEAE: CALLISTEMON VIMINALIS, FEIJOA MELLOWIANA: CUPRESSACEAE: THUJA ORIENTALIS. JUNIPERUS CHINENSIS: OLEACEAE: LIGUSTRUM LUCIDUM: CAPRIFOLIACEAE: VIBURNUM TINUS ROBUSTUM: ROSACEAE: ROSA, PYRACANTHA GRABER: VERBENACEAE: LANTANA CAMARA: PITTOSPORACEAE: PITTOSPORUM TOBIRA: FLACOURTIACEAE: XYLOSMA SENTICOSA.
214. BERNSTEIN, L. TOLERANCE OF PLANTS TO SALINITY. PROC. AMER. SOC. CIVIL ENG. 87: 1-12. 1961.
215. BERNSTEIN, L.; AYERS, A. D. SALT TOLERANCE OF FIVE VARIETIES OF CARROTS. PROC. AMER. SOC. HORT. SCI. 61: 360-366. 1953. CARROT UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA, FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, VARIETY VEGETATIVE GROWTH, MINERAL COMPOSITION
216. BERNSTEIN, L.; AYERS, A. D. SALT TOLERANCE OF FIVE VARIETIES OF ONIONS. PROC. AMER. SOC. HORT. SCI. 62: 367-370. 1953. ONION AMARYLLIDACEAE: ALLIUM CEPA, FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, VARIETY LEAF INJURY, MINERAL COMPOSITION
217. BERNSTEIN, L.; AYERS, A. D. SALT TOLERANCE OF SIX VARIETIES OF GREEN BEANS. PROC. AMER. SOC. HORT. SCI. 57: 243-248. 1951. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, VARIETY LEAF INJURY, MINERAL COMPOSITION
218. BERNSTEIN, L.; AYERS, A. D.; WADLEIGH, C. H. THE SALT TOLERANCE OF WHITE ROSE POTATOES. PROC. AMER. SOC. HORT. SCI. 57: 231-236. 1951. POTATO SOLANACEAE: SOLANUM TUBEROSUM. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE



MINERAL COMPOSITION, LEAF INJURY

219. BERNSTEIN, L.; BROWN, J. W.; HAYWARD, H. E. THE INFLUENCE OF ROOTSTOCK ON GROWTH AND SALT ACCUMULATION IN STONE-FRUIT TREES AND ALMONDS. AMER. SOC. HORT. SCI. 68: 86-95. 1956. ALMOND; APRICOT; PEACH; PLUM; PRUNE ROSACEAE; PRUNUS AMYGDALUS, PRUNUS ARMENIACA, PRUNUS DOMESTICA, PRUNUS PERSICA. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, ROOTSTOCK, VARIETY, SCION LEAF INJURY, MINERAL COMPOSITION, VEGETATIVE GROWTH
220. BERNSTEIN, L.; EHLIG, C. F.; CLARK, R. A. EFFECT OF GRAPE ROOTSTOCKS ON CHLORIDE ACCUMULATION IN LEAVES. J. AMER. SOC. HORT. SCI. 94: 584-590. 1959. GRAPE VITACEAE: VITIS. SAND, SAND TANK SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, SULFATE, ROOTSTOCK, GRAFT, SCION VEGETATIVE GROWTH, MINERAL COMPOSITION, CHLORIDE UPTAKE
221. BERNSTEIN, L.; FIREMAN, M.; REEVE, R. C. CONTROL OF SALINITY IN THE IMPERIAL VALLEY, CALIFORNIA. USDA ARS 41-4: 16 PP. 1955.
222. BERNSTEIN, L.; FRANCOIS, L. E. COMPARISONS OF DRIP, FURROW, AND SPRINKLER IRRIGATION. SOIL SCI. 115: 73-86. 1973. PEPPER, BELL SOLANACEAE: CAPSICUM FRUTESCENS. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, SPRINKLER IRRIGATION, FURROW IRRIGATION, DRIP IRRIGATION, IRRIGATION METHOD MINERAL COMPOSITION, LEAF INJURY, ROOT GROWTH
223. BERNSTEIN, L.; FRANCOIS, L. E. EFFECTS OF FREQUENCY OF SPRINKLING WITH SALINE WATERS COMPARED WITH DAILY DRIP IRRIGATION. AGRON. J. 67: 185-190. 1975. PEPPER, BELL SOLANACEAE: CAPSICUM FRUTESCENS. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, SPRINKLING FREQUENCY MINERAL COMPOSITION, LEAF INJURY
224. BERNSTEIN, L.; FRANCOIS, L. E. LEACHING REQUIREMENT STUDIES. SENSITIVITY OF ALFALFA TO SALINITY OF IRRIGATION AND DRAINAGE WATERS. SOIL SCI. SOC. AMER. PROC. 37: 931-943. 1973. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. GREENHOUSE, LYSIMETER, SOIL SODIUM, CALCIUM, CHLORIDE, LEACHING, WATER QUALITY, IRRIGATION FREQUENCY LEACHING REQUIREMENT
225. BERNSTEIN, L.; FRANCOIS, L. E.; CLARK, R. A. INTERACTIVE EFFECTS OF SALINITY AND FERTILITY ON YIELDS OF GRAINS AND VEGETABLES. AGRON. J. 66: 412-421. 1974. CORN; WHEAT; BARLEY; BEET; CABBAGE; BROCCOLI; LETTUCE; ONION; CARROT GRAMINEAE: ZEA MAYS, TRITICUM AESTIVUM, HORDEUM VULGARE; CHENOPODIACEAE: BETA VULGARIS; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA, BRASSICA OLERACEA VAR ITALICA; COMPOSITAE: LACTUCA SATIVA; AMARYLLIDACEAE: ALLIUM CEPA; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA. SAND, SAND TANK PHOSPHATE, POTASSIUM, NITROGEN, FERTILITY, SODIUM, CALCIUM, CHLORIDE MINERAL COMPOSITION
226. BERNSTEIN, L.; FRANCOIS, L. E.; CLARK, R. A. MINIMAL LEACHING WITH VARYING ROOT DEPTHS OF ALFALFA. SOIL SCI. SOC. AMER. PROC. 39: 112-115. 1975. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. GREENHOUSE, LYSIMETER, SOIL SODIUM, CALCIUM, CHLORIDE, SOIL DEPTH, LEACHING MINERAL COMPOSITION
227. BERNSTEIN, L.; FRANCOIS, L. E.; CLARK, R. A. SALT TOLERANCE OF N. CO. VARIETIES OF SUGAR CANE. I. SPROUTING, GROWTH AND YIELD. AGRON. J. 58: 489-493. 1966. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. GREENHOUSE, FIELD PLOT, SOIL, POT SODIUM, CALCIUM, CHLORIDE, SULFATE, MAGNESIUM GERMINATION, VEGETATIVE GROWTH
228. BERNSTEIN, L.; FRANCOIS, L. E.; CLARK, R. A. SALT TOLERANCE OF N. CO. VARIETIES OF SUGAR CANE. II. EFFECTS OF SOIL SALINITY AND SPRINKLING ON CHEMICAL COMPOSITION. AGRON. J. 58: 503-504. 1966. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. FIELD PLOT, GREENHOUSE, SOIL, POT, SPRINKLER IRRIGATION SODIUM, CHLORIDE MINERAL COMPOSITION, SUCROSE, SUGAR, VEGETATIVE GROWTH
229. BERNSTEIN, L.; FRANCOIS, L. E.; CLARK, R. A. SALT TOLERANCE OF ORNAMENTAL SHRUBS AND GROUND COVERS. J. AMER. SOC. HORT. SCI. 97: 550-556. 1972. BOUGAINVILLEA; PLUM, NATAL, ROSEMARY; EUONYMUS; DRACAENA; OLEANDER; BOTTLEBRUSH; JUNIPER, SPREADING; PYRACANTHA; SILVERBERRY; ARBOREVITAE; DOBONEA; XYLOSMA; BOXWOOD; LANTANA; PRIVET, TEXAS; VIBURNUM; HIBISCUS; BAMBOO, HEAVENLY; PITIOSPORUM; IVY, ALGERIAN, ROSE; HOLLY, BURFORD; GUAVA, PINEAPPLE; JASMINE, STAR NYCTAGINACEAE: BOUGAINVILLEA SPECTABILIS; APOCYNACEAE: CARISSA GRANDIFLORA, NERIUM OLEANDER, TRACHELOSPERNUM JASMINOIDES; LABIATAE: ROSMARINUS LOCKWOODII; CELASTRACEAE: EUONYMUS JAPONICA GRANDIFLORA; AGAVACEAE: DRACAENA



INDIVISA; MYRTACEAE: CALLISTEMON VIMINALIS, FEIJOA SELLOWIANA; CUPRESSACEAE: JUNIPERUS CHINENSIS, THUJA ORIENTALIS; ROSACEAE: PYRACANTHA GRABERII, ROSA; ELAEAGNACEAE: ELAEAGNUS PUNGENS; SAPINDACEAE: DODONAEA VISCOSA ATROPURPUREA; FLACOURTIACEAE: XYLOSMA SENTICOSA; BUXACEAE: BUXUS MICROPHYLLA JAPONICA, VERBENACEAE: LANTANA CAMARA; OLEACEAE: LIGUSTRUM LUCIDUM; CAPRIFOLIACEAE: VIBURNUM TINUS ROBUSTUM; MALVACEAE: HIBISCUS ROSA-SINENSIS; BERBERIDACEAE: NANDINA DOMESTICA; PITTOSPORACEAE: PITTOSPORUM TOBIRA; ARALIACEAE: HEDEIRA CANARIENSIS; AQUIFOLIACEAE: ILEX CORNUTA, FIELD PLOT, SAND TANK, SOIL, SAND SODIUM, CALCIUM, CHLORIDE, SULFATE LEAF INJURY, GROWTH, SODIUM UPTAKE, CHLORIDE UPTAKE

230. BERNSTEIN, L.; HAYWARD, H. E. PHYSIOLOGY OF SALT TOLERANCE. ANNU. REV. PLANT PHYSIOL. 9: 25-46. 1958.
231. BERNSTEIN, L.; OGATA, G. EFFECTS OF SALINITY ON NODULATION, NITROGEN FIXATION, AND GROWTH OF SOYBEANS AND ALFALFA. AGRON. J. 58: 201-203. 1966. SOYBEAN; ALFALFA LEGUMINOSAE: GLYCINE MAX, MEDICAGO SATIVA. GREENHOUSE, SAND SODIUM, CHLORIDE NODULATION, VEGETATIVE GROWTH, NITROGEN UPTAKE, NITROGEN FIXATION
232. BERNSTEIN, L.; PEARSON, G. A. INFLUENCE OF EXCHANGEABLE SODIUM ON THE YIELD AND CHEMICAL COMPOSITION OF PLANTS: I. GREEN BEANS, GARDEN BEETS, CLOVER AND ALFALFA. SOIL SCI. 82: 247-258. 1956. BEAN, GREEN; BEET; CLOVER; ALFALFA LEGUMINOSAE: PHASEOLUS VULGARIS, MEDICAGO SATIVA, TRIFOLIUM PRATENSE; CHENOPODIACEAE: BETA VULGARIS. SOIL POT VINYL ACETATE-MALEIC ACID, SODIUM, BICARBONATE, SOIL TYPE, EXCHANGEABLE SODIUM PERCENTAGE, GERMINATION, MINERAL COMPOSITION, VEGETATIVE GROWTH
233. BERNSTEIN, L.; PEARSON, G. A. INFLUENCE OF INTEGRATED MOISTURE STRESS ACHIEVED BY VARYING THE OSMOTIC PRESSURE OF CULTURE SOLUTIONS ON GROWTH OF TOMATO AND PEPPER PLANTS. SOIL SCI. 77: 355-368. 1954. TOMATO; PEPPER SOLANACEAE: LYCOPERSICON ESCULENTUM, CAPSICUM FRUTESCENS. WATER CULTURE, POT SODIUM, CHLORIDE, WATER STRESS, OSMOTIC PRESSURE VEGETATIVE GROWTH, MINERAL COMPOSITION, LEAF INJURY
234. BESSARABOV, S. F. SALT RESISTANCE OF JUGLANS NIGRA L. (RUS; ENG SUM). LESOVEDENIE 2: 25-33. 1973. WALNUT, BLACK JUGLANDACEAE: JUGLANS NIGRA. FIELD, SOIL CHLORIDE, SULFATE, SALINE SOIL VEGETATIVE GROWTH
235. BESTAGNO, G. DEFOGLIAZIONE DELLO SCHINUS MOLLE L. DA SALSSEDINE MARINA. DEFOLIATION OF SCHINUS MOLLE (L.) BY SEA WATER. (ITA; ENG SUM). NOTIZ. MAL. PLANTS 28/29: 143-144. 1959. PEPPER-TREE, CALIFORNIA ANACARDIACEAE: SCHINUS MOLLE. FIELD, SOIL SEA WATER LEAF INJURY, VEGETATIVE GROWTH
236. BEYERS, E.; TERBLANCE, J. H. IDENTIFICATION AND CONTROL OF TRACE ELEMENT DEFICIENCIES. IV. BORON DEFICIENCY AND TOXICITY. DECIDUOUS FRUIT GROWER 21: 235-239. 1971. APPLE; PEAR; PEACH; APRICOT; PLUM; PRUNE; GRAPE ROSACEAE: MALUS SYLVESTRIS, PYRUS COMMUNIS, PRUNUS PERSICA, PRUNUS DOMESTICA, PRUNUS ARmeniACA; VITACEAE: VITIS. FRUIT QUALITY, VEGETATIVE GROWTH
237. BHAMBOTA, J. R.; KANWAR, J. S. EFFECT OF DIFFERENT SALT CONCENTRATIONS ON SWEET-ORANGE (CITRUS SINENSIS (L.) OSBECK). INDIAN J. AGRIC. SCI. 40: 485-494. 1970. ORANGE, SWEET RUTACEAE: CITRUS SINENSIS. SOIL, MANURE, POT CHLORIDE, SULFATE BICARBONATE, BORON, SODIUM VEGETATIVE GROWTH, ROOT GROWTH, LEAF INJURY, CHLOROPHYLL, MINERAL COMPOSITION
238. BHARDWAJ, K. K. R. SURVIVAL AND SYMBIOTIC CHARACTERISTICS OF RHIZOBIUM IN SALINE-ALKALI SOILS. PLANT SOIL 43: 377-385. 1975. LENTIL; CLOVER, BERSEEM; BEAN, CLUSTER; ALFALFA; CLOVER, INDIAN; SOYBEAN; PEA; GRAM, BLACK; PEA, CHICK; COWPEA LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM, CYAMOPSIS TETRAGONALOBUS, MEDICAGO SATIVA, MELILOTUS PARVIFLORA, GLYCINE MAX, PISUM SATIVUM, PHASEOLUS MUNGO, CICER ARIETINUM, VIGNA SINENSIS. SOIL VARIETY, SALINE SODIC SOIL NODULATION, RHIZOBIUM LEGUMINOSARUM, RHIZOBIUM TRIFOLI
239. BHARDWAJ, S. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. VI. EFFECT OF NaCl AND Na₂CO₃ ON GRAIN QUALITY IN WHEAT. PROC. NAT. ACAD. SCI. INDIA 29: 168-173. 1959. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL SODIUM, CHLORIDE, CARBONATE FAT, PROTEIN, CARBOHYDRATE, SUGAR, SEEDLING GROWTH, SEED QUALITY
240. BHARDWAJ, S. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. VII. STUDIES ON GROWTH AND MATURITY OF WHEAT

- AND GRAM IN SALINE OR ALKALINE AREAS IN CULTIVATORS FIELDS. AGRA UNIV. J. RES. 9: 195-209. 1960. WHEAT; PEA, CHICK GRAMINEAE; TRITICUM AESTIVUM; LEGUMINOSAE; CICER ARIETINUM. SOIL, POT. FIELD. SALINE SOIL, CHLORIDE, CARBONATE, BICARBONATE. GERMINATION, SEEDLING GROWTH, VEGETATIVE GROWTH, SEED WEIGHT
241. BHARDWAJ, S. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. X. EFFECT OF NaCl AND Na₂CO₃ ON EARLY SEEDLING GROWTH OF WHEAT AND GRAM. PROC. NAT. ACAD. SCI. INDIA 31B: 143-155. 1962. WHEAT; PEA, CHICK GRAMINEAE; TRITICUM AESTIVUM; LEGUMINOSAE; CICER ARIETINUM. GERMINATION DISHES. SODIUM, CHLORIDE, CARBONATE. SEEDLING GROWTH, ROOT GROWTH
242. BHARDWAJ, S. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. XI. INCLUDING SALT TOLERANCE TO NaCl BY PRETREATMENT OF SEEDS. PROC. NAT. ACAD. SCI. INDIA 31B: 160-171. 1962. WHEAT; PEA, CHICK GRAMINEAE; TRITICUM AESTIVUM; LEGUMINOSAE; CICER ARIETINUM. SOIL, POT. SODIUM, CHLORIDE, SEED PRETREATMENT. SEED YIELD, VEGETATIVE GROWTH
243. BHARDWAJ, S. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. XIX. EFFECT OF SODIUM CARBONATE ON GROWTH AND MATURITY OF WHEAT AND GRAM AND INDUCING TOLERANCE BY PRETREATMENT OF SEEDS. PROC. NAT. ACAD. SCI. INDIA 33: 453-459. 1964. WHEAT; PEA, CHICK GRAMINEAE; TRITICUM AESTIVUM; LEGUMINOSAE; CICER ARIETINUM. SOIL, POT. SODIUM, CARBONATE, SEED PRETREATMENT. VEGETATIVE GROWTH
244. BHARDWAJ, S. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. XVII. INFLUENCE OF ISOSMOTIC CONCENTRATIONS OF NaCl AND SUCROSE ON EARLY SEEDLING GROWTH OF WHEAT. AGRA UNIV. J. RES. SCI. 11: 69-74. 1962. WHEAT GRAMINEAE; TRITICUM AESTIVUM. TEST TUBE, WATER CULTURE. SODIUM, CHLORIDE, SUCROSE. ROOT GROWTH, SEEDLING GROWTH
245. BHARDWAJ, S. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. XXV. EFFECTS OF CHLORIDE AND CARBONATE OF SODIUM ON CATALASE ACTIVITY IN THE SEEDLINGS OF WHEAT AND GRAM (CICER ARIETINUM). SCI. CULT. 30: 236-237. 1964. WHEAT; PEA, CHICK GRAMINEAE; TRITICUM AESTIVUM; LEGUMINOSAE; CICER ARIETINUM. GERMINATION DISHES. SODIUM, CHLORIDE, CARBONATE. CATALASE
246. BHARDWAJ, S. N.; RAO, I. M. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. IX. EFFECT OF SODIUM CHLORIDE AND SODIUM CARBONATE ON SEEDLING RESPIRATION AND GROWTH OF WHEAT AND GRAM. INDIAN J. PLANT PHYSIOL. 3: 56-71. 1960. WHEAT; PEA, CHICK GRAMINEAE; TRITICUM AESTIVUM; LEGUMINOSAE; CICER ARIETINUM. GERMINATION DISHES. SODIUM, CHLORIDE, CARBONATE. RESPIRATION, SEEDLING GROWTH, ROOT GROWTH
247. BHARDWAJ, S. N.; RAO, I. M. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. XVIII. INFLUENCE OF SODIUM CARBONATE ON CONTENTS OF CARBOHYDRATES AND NITROGEN IN WHEAT AND GRAM. CURR. SCI. 31: 427-428. 1962. WHEAT; PEA, CHICK GRAMINEAE; TRITICUM AESTIVUM; LEGUMINOSAE; CICER ARIETINUM. GERMINATION DISHES. SODIUM, CARBONATE. CARBOHYDRATE, NITROGEN, SUGAR, ASH
248. BHARDWAJ, S. N.; RAO, I. M. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN WHEAT AND GRAM. IV. INFLUENCE OF NaCl AND Na₂CO₃ ON EARLY SEEDLING GROWTH AND METABOLISM IN WHEAT AND GRAM. ALLAHABAD UNIV.: 105-107. 1958. WHEAT; PEA, CHICK GRAMINEAE; TRITICUM AESTIVUM; LEGUMINOSAE; CICER ARIETINUM. SODIUM, CHLORIDE, CARBONATE. RESPIRATION, SEEDLING GROWTH, PROTEIN, SUGAR
249. BHARDWAJ, S. N.; RAO, I. M. STUDIES ON THE EFFECT OF CHLORIDE AND SULPHATE OF SODIUM ON GERMINATION, GROWTH AND MATURITY OF GRAM. AGRA UNIV. J. RES. 4 (SUPPL.): 767-776. 1955. PEA, CHICK LEGUMINOSAE; CICER ARIETINUM. POT, SOIL, COMPOST. SODIUM, CHLORIDE, SULFATE, WATER STRESS. VEGETATIVE GROWTH, GERMINATION, SEEDLING GROWTH
250. BHASKARARAO, C.; BABURAO, G. STUDIES ON SALINITY RESISTANCE IN RICE. ANDHRA AGRIC. J. 7: 37-42. 1960. RICE GRAMINEAE; ORYZA SATIVA. SOIL. VARIETY, SALINE SOIL. VEGETATIVE GROWTH, GENETIC INTERACTION, INHERITANCE
251. BHATT, J. G.; INDIRAKUTTY, K. N. SALT UPTAKE AND SALT TOLERANCE BY SUNFLOWER. PLANT SOIL 39: 457-460. 1973. SUNFLOWER. COMPOSITAE; HELIANTHUS ANNUUS. FIELD, SOIL. SODIUM, CHLORIDE, SULFATE. MINERAL COMPOSITION

252. BHATTACHARYYA, R. K. EFFECT OF SALT SOLUTION ON RICE VARIETIES DURING GERMINATION. PROC. OF THE SEMINAR ON SEA, SALT AND PLANTS: 73-78. 1967. RICE GRAMINEAE: ORYZA SATIVA. GERMINATION DISHES VARIETY, SODIUM, CHLORIDE GERMINATION
253. BHATTACHARYYA, R. K. NEW SALT TOLERANT RICE VARIETIES FOR COASTAL SALINE SOILS OF SUNDERBAN (WEST BENGAL). SCI. CULT. 42: 122-123. 1976. RICE GRAMINEAE: ORYZA SATIVA. SOIL, FIELD PLOT VARIETY, SALINE SOIL SALT TOLERANCE
254. BHATTACHARYYA, R. K. RICE IN SALINE LANDS OF 24-PARGANAS (WEST BENGAL). INDIAN AGRIC. 11: 74-82. 1962. RICE GRAMINEAE: ORYZA SATIVA.
255. BHATTI, A. S. SOME EFFECTS OF SALINITY ON PLANT GROWTH WITH EMPHASIS ON CEREALS AND RELATED PLANTS. J. AGRIC. RES. 10: 172-175. 1972. ALFALFA; BEET, SUGAR; BARLEY; WHEAT; RYEGRASS, ENGLISH; BEAN; LEMON; SORGHUM; COTTON; TOMATO GRAMINEAE: LOLIUM PERENNE, HORDEUM VULGARE, TRITICUM AESTIVUM, SORGHUM VULGARE; LEGUMINOSAE: MEDICAGO SATIVA, PHASEOLUS VULGARIS; MALVACEAE: GOSSYPIUM; SOLANACEAE: LYCOPERSICON ESCULENTUM; RUTACEAE: CITRUS LIMON; CHENOPODIACEAE: BETA VULGARIS. SALINE SOIL GERMINATION, VEGETATIVE GROWTH, FLOWERING
256. BHUMBLA, D. R.; SINGH, B.; SINGH, N. T. EFFECT OF SALT ON SEED GERMINATION. INDIAN J. AGRON. 13: 181-185. 1968. BARLEY; COTTON; CORN GRAMINEAE: HORDEUM VULGARE, ZEA MAYS, LEGUMINOSAE: SESBANIA ACULEATA; MALVACEAE: GOSSYPIUM. POT, SOIL SODIUM, CHLORIDE, SULFATE, CALCIUM GERMINATION
257. BICKNELL, S. H.; SMITH, W. H. INFLUENCE OF SOIL SALT, AT LEVELS CHARACTERISTIC OF SOME ROADSIDE ENVIRONMENTS, ON THE GERMINATION OF CERTAIN TREE SEEDS. PLANT SOIL 43: 719-722. 1975. PINE, PITCH; BIRCH; CATALPA, COMMON; OAK, SCARLET; OAK, TURKEY; LOCUST, BLACK; TREE OF HEAVEN; LOCUST, HONEY. FALACEAE: QUERCUS COCCINEA, QUERCUS CERRIS; PINACEAE: PINUS RIGIDA; SIMARUBACEAE: AILANTHUS ALTISSIMA; CORYLACEAE: BETULA ALLEGHANIENSIS; BIGNONIACEAE: CATALPA BIGNONIODES; LEGUMINOSAE: ROBINIA PSEUDOACACIA, GLEDITSIA TRIACANTHOS. GREENHOUSE, SOIL, GERMINATION DISHES SODIUM, CHLORIDE GERMINATION, EMERGENCE, SALT TOLERANCE
258. BIDNER-BARHAVA, N.; RAMATI, B. TOLERANCE OF THREE OLIVE VARIETIES TO SOIL SALINITY IN ISRAEL. EXPT. AGRIC. 3: 295-305. 1967. OLIVE OLEACEAE: OLEA EUROPAEA. FIELD, SOIL CALCIUM, MAGNESIUM, SODIUM, POTASSIUM, SULFATE, BICARBONATE, CHLORIDE, BORON, VARIETY VEGETATIVE GROWTH, ROOT GROWTH
259. BIEBL, R. THE RESISTANCE OF SEA-SHORE PLANTS TO SEA WATER. PHOTOG. J. FORSCH. 5: 174-180. 1953. PLANTAGINACEAE: PLANTAGO MARITIMA, PLANTAGO LANCEOLATA, PLANTAGO MAJOR; CARYOPHYLLACEAE: ARENARIA PEPLOIDES; ONAGRACEAE: EPILOBIUM HIRSUTUM; CHENOPODIACEAE: BETA MARITIMA, ATRIPLEX LITTORALIS; UMBELLIFERAE: CRITHMUM MARITIMUM; COMPOSITAE: MATRICARIA MARITIMA, INULA DYSENTERICA, TARAXACUM OFFICINALE, BELLIS PERENNIS, CALENDULA OFFICINALIS; POLYGONACEAE: RUMEX; ROSACEAE: POTENTILLA ANSERINA; LABIATAE: AJUGA REPTANS; IRIDACEAE: IRIS. FIELD, SAND SEA WATER OSMOTIC POTENTIAL, SALT TOLERANCE
260. BIELORAI, H.; LEVY, J. IRRIGATION REGIMES IN A SEMI-ARID AREA AND THEIR EFFECTS ON GRAPEFRUIT YIELD, WATER USE AND SOIL SALINITY. ISRAEL J. AGRIC. RES. 21: 3-12. 1971. GRAPEFRUIT RUTACEAE: CITRUS PARADISI. FIELD, SOIL IRRIGATION FREQUENCY, CHLORIDE VEGETATIVE GROWTH
261. BIERHUIZEN, J. F. WATER QUALITY AND YIELD DEPRESSION. INSTITUTE LAND WATER MAN. RES. TECH. BULL. 61: 163-173. 1969.
262. BIERHUIZEN, J. F.; PLOEGMAN, C. ZOUTTOLERANTIE VAN TOMATEN, SALT TOLERANCE OF TOMATO. (DUT; ENG SUM). MED. DIR. TUINB. 30: 302-310. 1967. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. POT, GREENHOUSE, SOIL SEA WATER MINERAL COMPOSITION, VEGETATIVE GROWTH
263. BILLARD, J-P.; BINET, P. PHYSIO-ECOLOGIE DES ATRIPLEX DES MILIEUX SABLEUX LITTORAUX. PHYSIO ECOLOGY OF ATRIPLEX ON SANDY SHORES. (FRE; ENG SUM). BULL. SOC. BOT. FR. 122: 51-64. 1975. CHENOPODIACEAE: ATRIPLEX ARENARIA, ATRIPLEX GLABRIUSCULA, ATRIPLEX HASTATA, ATRIPLEX LITTORALIS. FIELD, SOIL SODIUM, CHLORIDE PROTEIN, VEGETATIVE GROWTH, GERMINATION

264. BINET, P. ACTION DE LA TEMPERATURE ET DE L'EAU DE MER SUR LA GERMINATION DES GRAINS DE COCHLEARIA ANGLICA L. THE EFFECT OF TEMPERATURE AND SEA WATER ON GERMINATION OF COCHLEARIA ANGLICA SEEDS. (FRE). COMPT. REND. ACAD. SCI. 253: 895-997. 1961. CRUCIFERAE: COCHLEARIA ANGLICA. GERMINATION DISHES TEMPERATURE, SEA WATER GERMINATION
265. BINET, P. ACTION DE LA TEMPERATURE ET DE LA SALINITE SUR LA GERMINATION LES GRAINES DE GLAUX MARITIMA L. THE EFFECT OF TEMPERATURE AND SALINITY ON GERMINATION OF GLAUX MARITIMA SEEDS. (FRE). BULL. SOC. BOT. FR. 112: 346-350. 1965. SEA MILKWORT PRIMULACEAE: GLAUX MARITIMA. GERMINATION DISHES TEMPERATURE, SEA WATER GERMINATION
266. BINET, P. ACTION DE LA TEMPERATURE ET DE LA SALINITE SUR LA GERMINATION LES GRAINS DE COCHLEARIA ANGLICA. EFFECT OF TEMPERATURE AND SALINITY ON GERMINATION OF COCHLEARIA ANGLICA SEEDS. (FRE). L. REV. GEN. BOT. 85: 221-236. 1965. CRUCIFERAE: COCHLEARIA ANGLICA. WATER CULTURE TEMPERATURE, SODIUM, CHLORIDE GERMINATION
267. BINET, P.; BOUCAUD, J. DORMANCE, LEVEE DE DORMANCE ET APTITUDE A GERMER IN MILIEU SALES DANS LE GENRE SUAEDA FORSK. DORMANCY, DORMANCY BREAKING AND ABILITY TO GERMINATE IN SALINE MEDIUM IN THE GENUS SUAEDA. (FRE). BULL. SOC. FR. PHYSIOL. VEG. 14: 125-132. 1968. CHENOPODIACEAE: SUAEDA MACROCARPA, SUAEDA SPLENDENS, SUAEDA FLEXILIS, SUAEDA FRUTICOSA. SODIUM, CHLORIDE, TEMPERATURE GERMINATION
268. BINGHAM, F. T.; FENN, L. B.; OERTLI, J. J. A SAND CULTURE STUDY OF CHLORIDE TOXICITY TO MATURE AVOCADO TREES. SOIL SCI. SOC. AMER. PROC. 32: 249-252. 1968. AVOCADO LAURACEAE: PERSEA AMERICANA. SAND, SAND BANK CHLORIDE MINERAL COMPOSITION, VEGETATIVE GROWTH, TRANSPIRATION, LEAF INJURY
269. BINGHAM, F. T.; GARBER, M. J. ZONAL SALINIZATION OF THE ROOT SYSTEM WITH SODIUM CHLORIDE AND BORON IN RELATION TO GROWTH AND WATER UPTAKE OF CORN PLANTS. PROC. SOIL SCI. SOC. AMER. 34: 122-126. 1970. CORN GRAMINEAE: ZEA MAYS. GREENHOUSE, SOIL, POT SODIUM, CHLORIDE, BORON VEGETATIVE GROWTH, MINERAL COMPOSITION, ROOT GROWTH
270. BINGHAM, F. T.; MAHLER, R. J.; PARRA, J.; STOLZY, L. H. LONGTERM EFFECTS OF IRRIGATION-SALINITY MANAGMENT ON A VALENCIA ORANGE ORCHARD. SOIL SCI. 117: 369-377. 1974. ORANGE RUTACEAE: CITRUS SINENSIS. FIELD, SOIL SULFATE, CHLORIDE, SODIUM, CALCIUM, MAGNESIUM, BICARBONATE VEGETATIVE GROWTH
271. BINGHAM, F. T.; NELSON, C. O. THE EFFECTS OF SODIUM ON MATURE AVOCADO TREES. CALIF. AVOCADO SOC. YEARBOOK 54: 75-78. 1971. AVOCADO LAURACEAE: PERSEA AMERICANA. SAND CHLORIDE, SODIUM, SODIUM ADSORPTION RATIO SODIUM UPTAKE, LEAF INJURY
272. BLACK, R. F. EFFECT OF NA CL IN WATER CULTURE ON THE ION UPTAKE AND GROWTH OF ATRIPLEX HASTATA L. AUST. J. BIOL. SCI. 9: 67-80. 1956. SALTBUSH CHENOPODIACEAE: ATRIPLEX HASTATA. WATER CULTURE, POT SODIUM, CHLORIDE MINERAL COMPOSITION, SODIUM UPTAKE, CHLORIDE UPTAKE, VEGETATIVE GROWTH, ROOT GROWTH
273. BLACK, R. F. EFFECTS OF NA CL ON THE ION UPTAKE AND GROWTH OF ATRIPLEX VESICARIA HEWARD. AUST. J. BIOL. SCI. 13: 249-266. 1960. SALTBUSH CHENOPODIACEAE: ATRIPLEX VESICARIA. WATER CULTURE, POT SODIUM, CHLORIDE VEGETATIVE GROWTH, ROOT GROWTH, MINERAL COMPOSITION, SODIUM UPTAKE, CHLORIDE UPTAKE
274. BLACKMON, G. H. HOW MUCH BORAX WILL A PECAN TREE TOLERATE? SOUTHEAST PECAN GROWERS ASSOC. PROC. 40: 77-78. 80-81. 83. 1947. PECAN JUGLANDACEAE: CARYA ILLINOINENSIS. FIELD PLOT, SOIL BORON BORON UPTAKE, TOXICITY, LEAF INJURY
275. BLACKWOOD, G. C.; MIFLIN, B. J. THE EFFECTS OF SALTS ON NADH MALATE DEHYDROGENASE ACTIVITY IN MAIZE AND BARLEY. PLANT SCI. LETT. 7: 435-445. 1976. CORN: BARLEY GRAMINEAE: ZEA MAYS, HORDEUM VULGARE. VERMICULITE, COMPOST NITRATE, POTASSIUM, CHLORIDE, AMMONIUM NICOTINAMIDE ADENINE DINUCLEOTIDE, MALATE DEHYDROGENASE ACTIVITY
276. BLAGOVESCHENSKI, A. V.; BASLAVSKAYA, S. S. EFFECT OF CL ON THE CHLOROPHYLL CONTENT AND PHOTOSYNTHESIS IN THE POTATO. (RUS: ENG SUM). BULL. SOC. NAT. MOSCOW, S. BIOLOGIQUE T. 45: 410-418. 1936. POTATO SOLANACEAE: SOLANUM TUBEROSUM. FIELD, SAND, SOIL CHLORIDE, SULFATE CHLOROPHYLL, PHOTOSYNTHESIS, ASSIMILATION, RESPIRATION, VEGETATIVE GROWTH

277. BLANCHARD, F. EFFECTS OF COASTAL WINDS ON GROWTH AND YIELD OF LEMON TREES. CALIF. CITRO. 23: 438-439. 1938. LEMON
RUTACEAE: CITRUS LIMON. FIELD, SOIL SALT SPRAY VEGETATIVE GROWTH
278. BLODGETT, E. C.; SNYDER, R. S. EFFECT OF ALKALI SALTS ON SHAPE AND APPEARANCE OF RUSSET BURBANK POTATOES. AMER.
POTATO J. 23: 425-430. 1946. POTATO SOLANACEAE: SOLANUM TUBEROSUM. GREENHOUSE, SOIL SOIL SALINITY, SODIUM,
SULFATE, CHLORIDE, BICARBONATE, CARBONATE LEAF INJURY
279. BLUM, W. E. SALZAUFNABME DURCH DIE WURZELN UND IHRE AUSWIRKUNGEN. SALT UPTAKE THROUGH THE ROOTS AND ITS EFFECTS.
(GER). EUR. J. PATHOL. 4: 41-44. 1974. CHESTNUT, HORSE HIPPOCASTANACEAE: AESCULUS HIPPOCASTANUM. FIELD,
SOIL SODIUM, CHLORIDE SODIUM UPTAKE, CHLORIDE UPTAKE
280. BLUMENTHAL-GOLDSCHMIDT, S.; POLJAKOFF-MAYBER, A. EFFECT OF SUBSTRATE SALINITY ON GROWTH AND ON SUBMICROSCOPIC
STRUCTURE OF LEAF CELLS OF ATRIPLEX HALIMUS L. AUST. J. BOT. 16: 469-478. 1968. SALT BUSH CHENOPODIACEAE:
ATRIPLEX HALIMUS. GREENHOUSE, WATER CULTURE, SOIL SODIUM, CHLORIDE, SULFATE, SALINE SOIL VEGETATIVE GROWTH,
MINERAL COMPOSITION, LEAF WATER POTENTIAL, HISTOLOGY
281. BOAWN, L. C.; TURNER, F. J. JR.; MOODIE, C. D.; BOWER, C. A. RECLAMATION OF A SALINE-ALKALI SOIL BY LEACHING AND GYPSUM
TREATMENTS USING SUGAR BEETS AS AN INDICATOR CROP. AMER. SOC. SUGAR BEET TECH., PROC. 7TH GENERAL MEETING:
138-145. 1952. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. FIELD, SOIL LEACHING, GYPSUM, EXCHANGEABLE SODIUM
PERCENTAGE GERMINATION
282. BOLYN, J. H. L. LA CROISSANCE DES PLANTES EN MILIEUX SALINS. GROWTH OF PLANTS IN SALTY MEDIA. (FRE). ANN. GEMBLoux
81: 105-113. 1975.
283. BONNETT, J. A. SOIL SALINITY STUDIES AS RELATED TO SUGARCANE GROWING IN SOUTHWESTERN PUERTO RICO. J. AGRIC. UNIV. P.
R. 37: 103-113. 1953. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. FIELD, SOIL BORON, SODIUM, CHLORIDE,
CALCIUM, CARBONATE, GYPSUM, WATER QUALITY, LEACHING VEGETATIVE GROWTH, SUGAR
284. BOODLE, L. A. THE SCORCHING OF FOLIAGE BY SEA-WINDS. MINISTRY AGRIC. J. (GT. BRIT.) 27: 479-486. 1920. TREE
285. BORBOLLA Y ALCALA, J. M. R. LA INFLUENCIA DEL CHLORO SOBRE LAS PLANTAS. THE INFLUENCE OF CHLORIDE ON PLANTS. (SPA).
SPAIN. INST. ESPAN. DE EDAFOLOGIA, ECOL. Y FISIOL. VEG. AN. 6: 145-166. 1947. CHLORIDE CHLORIDE TOLERANCE,
TOXICITY
286. BORESCH, K. VON WEITERE UNTERSUCHUNG DER DURCH CHLORIDE HERVORGERUFENEN PLATTIRANDKRANKHEIT DER JOHANNISBEERE. FURTHER
INVESTIGATIONS ON THE LEAF EDGE DISEASE OF CURPANT CAUSED BY CHLORIDES. (GER). BODENK. U. PFLANZENERNNAHR. 14:
230-247. 1939. CURRANT, EUROPEAN BLACK; CURRANT, ALPINE SAXIFRAGACEAE: RIBES NIGRUM, RIBES ALPINUM. CHLORIDE,
POTASSIUM, SODIUM, CALCIUM, SULFATE, AMMONIUM, CARBONATE LEAF INJURY
287. BOTHE, H. SALZRESISTENZ BEI PFLANZEN. SALT RESISTANCE IN PLANTS. (GER). BIOL. UNSER ZEIT. 6: 2-9. 1976. HALOPHYTE
SALT TOLERANCE
288. BOTTINI, O.; LISANTI, L. RICERCH E CONSIDERAZIONI SULL IRRIGAZIONE CON ACQUE SALMASTRE PRACTICATA LUNGO IL LITORALE
BARESE. RESEARCH AND CONSIDERATION ON IRRIGATION WITH BRACKISH WATERS CARRIED OUT ALONG THE BARI COAST. (ITA; ENG
SUM). ANN. SPER. AGRIC. N. S. 9: 401-426. 1955. TOMATO SOLANACEAE LYCOPERSICON ESCULENTUM. FIELD, SOIL
SODIUM, CHLORIDE, CALCIUM, CARBONATE LEAF INJURY
289. BOUCAUD, J. EFFETS DU NaCl SUR L'ACTIVITE DE LA NITRATE REDUCTASE CHEZ DEUX VARIETES HALOPHILES: SUAEDA MARITIMA VAR.
MACROCARPA ET VAR. FLEXILIS. THE EFFECTS OF NaCl UPON THE ACTIVITY OF NITRATE REDUCTASE ON TWO VARIETIES OF
HALOPHYTES: SUAEDA MARITIMA (L.) DUM. VAR. MACROCARPA AND VAR. FLEXILIS. (FRE; ENG SUM). PHYSIOL. PLANT. 27:
37-42. 1972. CHENOPODIACEAE: SUAEDA MARITIMA VAR. MACROCARPA, SUAEDA MARITIMA VAR. FLEXILIS. WATER CULTURE
NITRATE, SODIUM, CHLORIDE NITRATE REDUCTASE, ENZYME, ASSIMILATION, PROTEIN, CARBON DIOXIDE ASSIMILATION, PROTEIN
SYNTHESIS

290. BOUCAUD, J.; UNGAR, I. A. HORMONAL CONTROL OF GERMINATION UNDER SALINE CONDITIONS OF THREE HALOPHYTIC TAXA IN THE GENUS *SUAEDA*. *PHYSIOL. PLANT.* 37: 143-148. 1976. SEA BLITE *CHENOPODIACEAE*: *SUAEDA MARITIMA* VAR *FLEXILIS*. *SUAEDA MARITIMA* VAR *MACROCARPA*. *SUAEDA DEPRESSA*. GERMINATION DISHES SODIUM, CHLORIDE, GIBBERELIC ACID, KINETIN GERMINATION, CYTOKININ
291. BOUCAUD, J.; UNGAR, I. A. INFLUENCE OF HORMONAL TREATMENTS ON THE GROWTH OF TWO HALOPHYTIC SPECIES OF *SUAEDA* *AMER. J. BOT.* 63: 694-699. 1976. GLASSWORT *CHENOPODIACEAE*: *SUAEDA MARITIMA*, *SUAEDA DEPRESSA*. VERMICULITE, POT KINETIN, GIBBERELIC ACID, SODIUM, CHLORIDE VEGETATIVE GROWTH, WATER CONTENT, CHLOROPHYLL
292. BOULOS, S. T.; EL SHOUBAGY, M. N.; MISSAK, N. L. STUDIES ON THE EFFECT OF SALINITY ON THE EPIDERMIS AND THE MESOPHYLL TISSUE OF SOME *RICINUS COMMUNIS* L. VARIETIES LEAVES. *DESERT INST. BULL.* A. R. E. 22: 421-432. 1974. BEAN, CASTOR *EUPHORBIACEAE*: *RICINUS COMMUNIS*. SODIUM, CHLORIDE, VARIETY VEGETATIVE GROWTH, CELL SIZE, MESOPHYLL THICKNESS, LEAF AREA, CELL DIVISION
293. BOURN, W. S. SEA-WATER TOLERANCE OF *RUPPIA MARITIMA* L. *BOYCE THOMPSON INST. CONTRIB.* 7: 249-255. 1935. *RUPPIA* *RUPPIACEAE*: *RUPPIA MARITIMA*. GREENHOUSE, POT, SOIL, WATER CULTURE SEA WATER VEGETATIVE GROWTH, SALT TOLERANCE
294. BOWEN, J. E. BORON DEFICIENCY AND TOXICITY IN SUGARCANE. *SUGARCANE PATH. NEWSLETTER* 4: 51-52. 1970. SUGARCANE *GRAMINEAE*: *SACCHARUM OFFICINARUM*. WATER CULTURE, GREENHOUSE BORON TOXICITY, ROOT GROWTH, LEAF INJURY, MINERAL COMPOSITION
295. BOWER, C. A.; KRATKY, B. A.; IKEDA, N. GROWTH OF TOMATO ON A TROPICAL SOIL UNDER PLASTIC COVER AS INFLUENCED BY IRRIGATION PRACTICE AND SOIL SALINITY. *J. AMER. SOC. HORT. SCI.* 100: 519-521. 1975. TOMATO *SOLANACEAE*: *LYCOPERSICON ESCULENTUM*. SOIL, FIELD PLOT, POT IRRIGATION METHOD, SODIUM, CHLORIDE WATER USE, SALT TOLERANCE
296. BOWER, C. A.; MOODIE, C. D.; ORTH, P.; GSCHWEND, F. B. CORRELATION OF SUGAR BEET YIELDS WITH CHEMICAL PROPERTIES OF A SALINE ALKALI SOIL. *SOIL SCI.* 77: 443-451. 1954. BEET, SUGAR *CHENOPODIACEAE*: *BETA VULGARIS*. FIELD PLOT, SOIL SALINE SOIL, SULFUR, GYPSUM
297. BOWER, C. A.; OGATA, G.; TUCKER, J. M. GROWTH OF SUDAN AND TALL FESCUE GRASSES AS INFLUENCED BY IRRIGATION WATER AND LEACHING FRACTION. *AGRON. J.* 62: 793-794. 1970. SUDAN GRASS; FESCUE, TALL *GRAMINEAE* *SORGHUM SUDANENSE*, *FESTUCA ELATIOR*. LYSIMETER, SOIL CALCIUM, MAGNESIUM, SODIUM, CHLORIDE, LEACHING VEGETATIVE GROWTH
298. BOWER, C. A.; OGATA, G.; TUCKER, J. M. ROOTZONE SALT PROFILES AND ALFALFA GROWTH AS INFLUENCED BY IRRIGATION WATER SALINITY AND LEACHING FRACTION. *AGRON. J.* 61: 783-785. 1969. ALFALFA *LEGUMINOSAE*: *MLDICAGO SATIVA*. LYSIMETER, SOIL CALCIUM, MAGNESIUM, SODIUM, CHLORIDE, LEACHING VEGETATIVE GROWTH
299. BOWER, C. A.; WADLEIGH, C. H. GROWTH AND CATIONIC ACCUMULATION BY FOUR SPECIES OF PLANTS AS INFLUENCED BY VARIOUS LEVELS OF EXCHANGEABLE SODIUM. *SOIL SCI. SOC. AMER. PROC.* 13: 218-223. 1949. BEAN; BELT, RHODES GRASS; DALLIS GRASS *LEGUMINOSAE*: *PHASEOLUS VULGARIS*; *CHENOPODIACEAE*: *BETA VULGARIS*; *GRAMINEAE*: *CHLORIS GAYANA*, *PASPALUM DILATATUM*. SAND, POT, EXCHANGE RESIN CALCIUM, MAGNESIUM, SODIUM, POTASSIUM, SULFATE, EXCHANGEABLE SODIUM PERCENTAGE, NITRATE, PHOSPHATE MINERAL COMPOSITION
300. BOWERS, M. C.; HESTERBERG, J. H. ENVIRONMENTAL IMPLICATIONS OF HIGHWAY DE-ICING AGENTS ON WHITE PINE IN MARQUETTE COUNTY, MICHIGAN. *MICH. BOT.* 15: 75-89. 1976. PINE, WHITE *PINACEAE*: *PINUS STROBUS*. FIELD, SOIL SODIUM, CHLORIDE, CALCIUM SODIUM UPTAKE, CALCIUM UPTAKE, LEAF INJURY
301. BOYCE, S. G. SALT HYPERTROPHY IN SUCCULENT DUNE PLANTS. *SCIENCE* 114: 544-545. 1951. DUNE PLANT *COMPOSITAE*: *IVA IMBRICATA*, *BACCHARIS HALIMIFOLIA*; *CHENOPODIACEAE*: *ATRIplex ARENARIA*, *CHENOPODIUM BERLANDIERI*; *VERBENACEAE*: *LIPPIA NODIFLORA*; *SOLANACEAE*: *PHYSALIS MARITIMA*; *EUPHORBIACEAE*: *CROTON PUNCTATUS*; *AQUIFOLIACEAE*: *ILEX VOMITORIA*; *FAGACEAE*: *QUERCUS VIRGINIANA*. FIELD, SAND SEA WATER LEAF INJURY, ANATOMICAL RESPONSE
302. BOYCE, S. G. THE SALT-SPRAY COMMUNITY. *ECOL. MONO.* 24: 26-67. 1954. DUNE PLANT *COMPOSITAE*: *IVA IMBRICATA*.



- ERIGERON CANADENSIS; SOLANACEAE: PHYSALIS MARITIMA; PHYTOLACCACEAE: PHYTOLACCA AMERICANA; EUPHORBIACEAE: CROTON PUNCTATUS. FIELD. SAND. GREENHOUSE. POT. SEA WATER. SODIUM. MAGNESIUM. CALCIUM. POTASSIUM. BICARBONATE. CHLORIDE. SULFATE. SALT SPRAY. LEAF INJURY. ANATOMICAL RESPONSE
303. BOYER, J. S. EFFECTS OF OSMOTIC WATER STRESS ON METABOLIC RATES OF COTTON PLANTS WITH OPEN STOMATA. PLANT PHYSIOL. 40: 229-234. 1965. COTTON MALVACEAE: GOSSYPIMUM HIRSUTUM. GROWTH CHAMBER. WATER CULTURE. POT. SODIUM. CHLORIDE. VEGETATIVE GROWTH. OSMOTIC POTENTIAL. WATER POTENTIAL. PHOTOSYNTHESIS. RESPIRATION
304. BOYKO, H. SALINE IRRIGATION FOR AGRICULTURE AND FORESTRY. W. JUNK PUBLISHERS, THE HAGUE: 325 PP. 1968. SEA WATER
305. BOYKO, H. (ED.) SALINITY AND ARIDITY: NEW APPROACHES TO OLD PROBLEMS. W. JUNK PUBLISHERS, THE HAGUE: 408 PP. 1966.
306. BOYKO, H.; BOYKO, E. EXPERIMENTS OF PLANTS GROWING UNDER IRRIGATION WITH SALINE WATERS FROM 2000 MG/LITER T.D.S. (TOTAL DILUTED SOLIDS) UP TO SEA-WATER OF OCEANIC CONCENTRATION WITHOUT DESALINATION. IN SALINITY AND ARIDITY: NEW APPROACHES TO OLD PROBLEMS. (ED. H. BOYKO). JUNK PUBLISHERS THE HAGUE: 214-282. 1966. GRAMINEAE: ROTIBOELLIA. AMMOPHILA ARENARIA. HORDEUM VULGARE. AGROPYRON JUNCEUM; JUNCACEAE: JUNCUS MARITIMUS; AGAVACEAE: AGAVE FOURCROIDES. AGAVE SISALANA; VERBENACEAE: AVICENNIA OFFICINALIS; ASCLEPIADACEAE: CALITROPIS PROCERA. SOIL. FIELD. SEA WATER. VEGETATIVE GROWTH
307. BOYKO, H.; BOYKO, E. PRINCIPLES AND EXPERIMENTS REGARDING DIRECT IRRIGATION WITH HIGHLY SALINE AND SEAWATER WITHOUT DESALINATION. TRANS. N. Y. ACAD. SCI. SER. II. 26. SUPPL. TO NO. 8: 1087-1102. 1964. GRAMINEAE: ROTIBOELLIA. AMMOPHILA ARENARIA. HORDEUM VULGARE. AGROPYRON JUNCEUM; JUNCACEAE: JUNCUS MARITIMUS; AGAVACEAE: AGAVE FOURCROIDES. AGAVE SISALANA; VERBENACEAE: AVICENNIA OFFICINALIS; ASCLEPIADACEAE: CALITROPIS PROCERA. SOIL. FIELD. SEA WATER. VEGETATIVE GROWTH
308. BOYKO, H.; BOYKO, E. SEAWATER IRRIGATION. A NEW LINE OF RESEARCH ON A BIOCLIMATOLOGICAL PLANT-SOIL COMPLEX. INTER. J. BIOCLIMAT. BIOMETEOR. III. SECTION B1: 1-24. 1959. GRAMINEAE: AGROPYRON JUNCEUM; JUNCACEAE: JUNCUS MARITIMUS. SAND. POT. SEA WATER. FAT. CELLULOSE. PROTEIN. CARBOHYDRATE. ASH. VEGETATIVE GROWTH
309. BRANDT, G. H. POTENTIAL IMPACT OF SODIUM CHLORIDE AND CALCIUM CHLORIDE DE-ICING MIXTURES ON ROADSIDE SOILS AND PLANTS. HIGHWAY RES. RECORD 425: 52-66. 1973. ROADSIDE VEGETATION. FIELD. SOIL. SODIUM. CHLORIDE. CALCIUM. DEICING SALT. VEGETATIVE GROWTH
310. BRANSON, F. A. GEOGRAPHIC DISTRIBUTION AND FACTORS AFFECTING THE DISTRIBUTION OF SALT DESERT SHRUBS IN THE UNITED STATES. SALT DESERT SHRUB SYMP. (CEDAR CITY, UTAH): 13-43. 1966. NATIVE VEGETATION
311. BRANSON, R. L. BETTER ANSWERS WITH SOIL AND PLANT ANALYSES. CALIF. TURFGRASS CULTURE 16: 1-2. 1966. GRASS. GRAMINEAE: SALINITY. BORON. TOXICITY
312. BRANSON, R. L. QUALITY OF WATER IN RELATION TO SUBTROPICAL HORTICULTURE. PROC. CONF. ON QUAL. OF WATER FOR IRRIGATION, DAVIS. CALIF: 193. 1958. CITRUS; AVOCADO; FIG. RUTACEAE: CITRUS; LAURACEAE: PERSEA AMERICANA; MORACEAE: FICUS.
313. BRAUN, J. W.; KHAN, A. A. ALLEVIATION OF SALINITY AND HIGH TEMPERATURE STRESS BY GROWTH REGULATORS PERMEATED INTO LETTUCE SEEDS VIA ACETONE. J. AMER. SOC. HORT. SCI. 101: 716-721. 1970. LETTUCE. COMPOSITAE: LACTUCA SATIVA. GERMINATION DISHES. SOIL. PEAT MOSS. SEED PRETREATMENT. SODIUM. CHLORIDE. FUSICOCCIN. ACETONE. KINETIN. CHLOROETHYL PHOSPHONIC ACID. GIBBERELIC ACID. POLYETHYLENE GLYCOL. TEMPERATURE. SEEDLING GROWTH. GERMINATION. EMERGENCE
314. BREAZEAL, J. F. ALKALI TOLERANCE OF PLANTS CONSIDERED AS A PHENOMENON OF ADAPTATION. UNIV. ARIZ. TECH. BULL. 11: 238-256. 1926. WHEAT; CORN. GRAMINEAE: TRITICUM AESTIVUM, ZEA MAYS. POT. SOIL. SAND. WATER CULTURE. SODIUM. CHLORIDE. MAGNESIUM. CALCIUM. SULFATE. CARBONATE. BICARBONATE. SEEDLING GROWTH. ENZYME ACTIVITY. TOXICITY

315. BREAZEALE, J. F. A STUDY OF THE TOXICITY OF SALINES THAT OCCUR IN BLACK ALKALI SOILS. ARIZ. AGRIC. EXPT. STA. TECH. BULL. 14: 337-357. 1927. SODIUM, CALCIUM, CARBONATE, BICARBONATE, SULFATE TOXICITY
316. BRECKLE, S. W. WASSER-UND SALZVERHALTNISSE BEI HALOPHYTEN DER SALZSTEPPE IN UTAH/USA. WATER AND SALT RELATIONS OF HALOPHYTES FROM THE SALT DESERT IN UTAH/USA. (DUT: ENG SUM). BER. DEUTSCH. BOT. GES. 87: 589-600. 1974. SALT BUSH: CHENOPODIACEAE: ATRIPLEX CONFERTIFOLIA, CERATOIDES LANATA. SOIL SALINE SOIL HISTOLOGY, SULFATE UPTAKE, SODIUM UPTAKE, POTASSIUM UPTAKE, MINERAL COMPOSITION, OSMOTIC POTENTIAL
317. BRENCHLEY, W. E. ON THE ACTION OF CERTAIN COMPOUNDS OF ZINC, ARSENIC, AND BORON ON THE GROWTH OF PLANTS. ANN. BOT. (LONDON) 28: 283-301. 1914. BARLEY; PEA; LUPINE GRAMINEAE: HORDEUM VULGARE; LEGUMINOSAE: PISUM SATIVUM, LUPINUS ALBUS. WATER CULTURE, POT BORON LEAF INJURY, VEGETATIVE GROWTH
318. BREWSTER, R. H.; GOOD, E. M.; KAPLAN, M. A LIST OF ORNAMENTAL PLANTS FOR NEW YORK SEASHORES. NEW YORK EXT. SERV. INFO. BULL. 59: 1-4. 1973.
319. BREWSTER, R. H.; GOOD, E. M.; MACROBBIE, L. S.; KAPLAN, M.; WINTERBOTTOM, C. W. A LIST OF ORNAMENTAL PLANTS FOR NEW YORK SEASHORES. CORNELL EXT. BULL. 1023: 1-4. 1959.
320. BROWN, B. E. EFFECT OF BORAX IN FERTILIZER ON THE GROWTH AND YIELD OF POTATOES. USDA BULL. 998: 8 PP. 1922. POTATO SOLANACEAE: SOLANUM TUBEROSUM. FIELD, SOIL BORON LEAF INJURY
321. BROWN, J. G.; VOTH, V. SALT DAMAGE TO STRAWBERRIES. CALIF. AGRIC. 9: 11-12. 1955. STRAWBERRY ROSACEAE: FRAGARIA. FIELD, SOIL SODIUM, CHLORIDE, SPRINKLER IRRIGATION, IRRIGATION METHOD, FURROW IRRIGATION VEGETATIVE GROWTH
322. BROWN, J. W.; HAYWARD, H. E. SALT TOLERANCE OF ALFALFA VARIETIES. AGRON. J. 48: 18-20. 1956. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. FIELD PLOT, SOIL SODIUM, CHLORIDE, CALCIUM, VARIETY MINERAL COMPOSITION, VEGETATIVE GROWTH, CAROTENE
323. BROWN, J. W.; WADLEIGH, C. H. INFLUENCE OF SODIUM BICARBONATE ON THE GROWTH AND CHLOROSIS OF GARDEN BEETS. BOT. GAZ. 116: 201-209. 1955. BEET CHENOPODIACEAE: BETA VULGARIS. SAND, POT SODIUM, BICARBONATE LEAF INJURY, CHLOROPHYLL, BETANIN, MINERAL COMPOSITION, ORGANIC ACID
324. BROWN, J. W.; WADLEIGH, C. H.; HAYWARD, H. E. FOLIAR ANALYSIS OF STONE FRUIT AND ALMOND TREES ON SALINE SUBSTRATES. PROC. AMER. SOC. HORT. SCI. 61: 49-55. 1953. ALMOND; APRICOT; PEACH; PLUM; PRUNE ROSACEAE: PRUNUS AMYGDALUS, PRUNUS ARMENIACA, PRUNUS PERSICA, PRUNUS DOMESTICA. SAND TANK, SAND SODIUM, CALCIUM, CHLORIDE, SULFATE MINERAL COMPOSITION, VEGETATIVE GROWTH, LEAF INJURY
325. BROWN, J. G. SALINE IRRIGATION WATER AND ITS TOXICITY TO VEGETABLE CROPS. VEGETABLE GROWERS NEWS 9: 1-2. 1955. KALE; CARROT; BEAN; RYE LEGUMINOSAE: PHASEOLUS VULGARIS; GRAMINEAE: SICALE (CEREAL); UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; CRUCIFERAE: BRASSICA OLERACEA. GREENHOUSE, SOIL, POT SEA WATER VEGETATIVE GROWTH, GERMINATION
326. BUCHNER, A. VON DIE WIRKUNG DER CHLORIDEN AUF DEN KOHLENHYDRATSTOFFWECHSEL IN ABHANGIGKEIT VON DER KALIVERSORGUNG DER PFLANZE, THE EFFECT OF CHLORIDE IONS ON CARBOHYDRATE METABOLISM IN RELATION TO POTASSIUM SUPPLY OF PLANTS. (GER). ATSCHEPFLANZENERN., DUNGUNG U. BODENKUNDE 54: 28-36. 1951. BUCKWHEAT; SUNFLOWER; WHEAT; BARLEY GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE; COMPOSITAE: HELIANTHUS ANNUUS; POLYGONACEAE: FAGOPYRUM ESCULENTUM. POT, SOIL SODIUM, SULFATE, CHLORIDE, AMMONIUM, POTASSIUM, FERTILIZER SULFATE UPTAKE, CHLORIDE UPTAKE, CARBOHYDRATE
327. BUCUR, M.; DOBRESCU, C.; LISANDRU, G.; TESU, C.; AFUSOAE, D.; DUMBRAVA, I. TOLERANTA LA SALINITATE LA PLANTE CULTIVATE NEIRIGAT PE SOLURI SALINIZATE DIN DEPRESIUNEA JUJIA BAHUI. IN CONDITIIE ANULUI 1955, THE SALT TOLERANCE OF CULTIVATED PLANTS ON SALINE SOILS IN JUJIA-BAHUI DEPRESSION UNDER THE CLIMATIC CONDITIONS OF 1955. (RUM). ACAD. R.S.R. FIL. IASI. STUDII SI CERCETARI STIINTIFICE BIOLOGIE SI STIINTE AGRICOLE. AN VII (1956) FASC. 1: 131-152. 1956. BEET, SUGAR; BEET; BARLEY; RYE; CORN, ALFALFA; SOYBEAN; EDELWEISS, ALPINE CHENOPODIACEAE: BETA VULGARIS; GRAMINEAE: HORDEUM VULGARE, SECALE CEREAL, ZEA MAYS; LEGUMINOSAE: MEDICAGO SATIVA, GLYCINE MAX; COMPOSITAE.

LEONTOPODIUM ALPINUM. FIELD. SOIL SALINE SOIL. SULFATE. CHLORIDE SALT TOLERANCE

328. BUCUR. N.; LIXANDRU. GH.; NEJNERU. I.; MERLESCU. E. TOLERANTA LA SALINITATE A UNOR HIBRIZI DE SORG PENTRU BOABE. THE SALINITY TOLERANCE OF SOME GRAIN SORGHUM HYBRIDS. (RUM; ENG SUM). PROB. AGRIC. (BUCHAREST) 22: 50-54. 1970. SORGHUM GRAMINEAE; SORGHUM VULGARE. SOIL CHLORIDE. SULFATE INHERITANCE
329. BUCUR. N.; LIXANDRU. GH.; TESU. C.; DEMBRAVA. I. TOLERANTA LA SALINITATE LA CITEVA SOLURI DE GRIU DE TOAMNA. CULTIVATE NEIRIGAT PE SOLURI SALINIZATE DE COASTA SI DE LUNCA DIN DEPRESIUNEA JIJIA-BAHLUI. IN CONDIITIILE ANULUI. SALT TOLERANCE OF SEVERAL WINTER WHEAT VARIETIES GROWN ON SALINE SOILS ALONG THE COAST AND ON THE JIJIA-BAHLUI PLANTS UNDER THE GROWING CONDITIONS OF 1958. (RUM). PROB. AGRIC. (BUCHAREST) 11: 49-54. 1958. WHEAT GRAMINEAE; TRITICUM AESTIVUM. FIELD. SOIL SALINE SOIL
330. BUCUR. N.; TESU. C.; MERLESCU. E.; HIRJOABA. R.; TOMA. M.; GROSU. A. TOLERANTA LA SALINITATE A CITORVA SPECII LEMNOASE CULTIVABILE PE SOLURI SARATUROASE DIN DEPRESIUNEA JIJIA-BAHLUI. THE SALINITY TOLERANCE OF A GROUP OF WOODY PLANTS CULTIVABLE ON SALINE SOILS IN THE JIJIA-BAHLUI DEPRESSION. (RUM). INST. ACRON'ION IONESCU DE LA BRAD' IASI LUCR. STIINT. 119-123. 1967. MAPLE; POPLAR; COTTONWOOD; ASPEN; CHESTNUT; HORSE; BASTARD INDIGO; BARBERRY; DOGWOOD; QUINCE; JAPANESE DWARF; ROSE; DOG; LOCUST; HONEY; GOLDEN CHAIN; BEAN-TREE; PRIVET; ORANGE; MOCK; HOP TREE; OAK; SPIRAEA; ARBORVITAE; ACERACEAE: ACER GINNALA, ACER NEGUNDO, ACER PLATANOIDES, ACER CAMPESTRE; LEGUMINOSAE: AMORPHA INDIGO, GLEDITSIA TRIACANTHOS, LABURNUM ANAGYROIDES; SALICACEAE: POPULUS EUROAMERICANA, POPULUS NIGRA; HIPPOCASTANACEAE: AESCULUS HIPPOCASTANUM; BERBERIDACEAE: BERBERIS THUNBERGII; CORNACEAE: CORNUS SANGUINEA; ROSACEAE: CHAENOMELES JAPONICA, ROSA CANINA, SPIRAEA ULMIFOLIA, PYRUS SATIVA; OLEACEAE: LIGUSTRUM VULGARE; SAXIFRAGACEAE: PHILADELPHUS CORONARIUS; RUTACEAE: PTELEA TRIFOLIATA; FAGACEAE: QUERCUS BOREALIS; CUPRESSACEAE: THUJA OCCIDENTALIS; ELAEAGNACEAE: ELAEAGNUS ANGUSTIFOLIA; CELASTRACEAE: EUONYMUS EUROPAEA. SOIL SALINE SOIL CHLORIDE UPTAKE, SULFATE UPTAKE, SALT TOLERANCE
331. BUFFUM. B. C. ALKALI STUDIES III. WYOM. AGRIC. EXPT. STA. ANNU. REPT.: 1-40. 1899. WHEAT; RYE; CLOVER, WHITE SWEET GRAMINEAE; TRITICUM AESTIVUM, SECALE CEREALE; LEGUMINOSAE; MELILOTUS ALBA. GREENHOUSE, POT. SAND SODIUM, MAGNESIUM, SULFATE, CHLORIDE, CARBONATE, SUGAR GERMINATION, SEEDLING GROWTH, VEGETATIVE GROWTH
332. BUFFUM. B. C. ALKALI: SOME OBSERVATIONS AND EXPERIMENTS. WYOM. AGRIC. EXPT. STA. BULL. 29: 219-253. 1896. ALFALFA; BARLEY; RYE; OATS; WHEAT; TURNIP LEGUMINOSAE; MEDICAGO SATIVA; CRUCIFERAE; BRASSICA RAPA; GRAMINEAE; HORDEUM VULGARE, SECALE CEREALE, AVENA SATIVA, TRITICUM AESTIVUM. GERMINATION DISHES, POT. SOIL SODIUM, MAGNESIUM, CALCIUM, POTASSIUM, CHLORIDE, SULFATE GERMINATION, EMERGENCE, VEGETATIVE GROWTH
333. BUFFUM. B. C.; SLOSSON. E. E. ALKALI STUDIES. V. WYOM. STA. REPT.: 20 PP. 1900. WHEAT; ALFALFA GRAMINEAE; TRITICUM AESTIVUM; LEGUMINOSAE; MEDICAGO SATIVA. GERMINATION DISHES, SAND, POT SODIUM, POTASSIUM, CHLORIDE, SULFATE GERMINATION, VEGETATIVE GROWTH
334. BUREAU. P.; COINTEPAS. J. P.; ROEDERER. P.; GILBERT. J. TOLERANCE A L'EAU SALEE DE QUELQUES CULTURES PRACTIQUEES EN TUNISIE. TOLERANCE TO SALINE WATER OF SOME ROUTINE PLANTS IN TUNISIA. (FRE). INTER. COMM. IRRIG. DRAIN., ANNU. BULL.: 37-46. 1961. OLIVE; GRAPE; ALFALFA; SORGHUM; BARLEY; ONION; CARROT; WHEAT; CABBAGE; CAULIFLOWER; BRUSSEL SPROUT; POTATO; TOMATO; TURNIP; ASPARAGUS; ARTICHOKE; BEET; COTTON OLLACEAE: OLEA EUROPAEA; ANARYLLIDACEAE: ALLIUM CEPA; COMPOSITAE, CYNARA SCOLYMUS; VITACEAE: VITIS; LEGUMINOSAE: MEDICAGO SATIVA; GRAMINEAE: SORGHUM VULGARE, HORDEUM VULGARE, TRITICUM AESTIVUM; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; SOLANACEAE: SOLANUM TUBEROSUM, LYCOPERSICON ESCULENTUM; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA, BRASSICA OLERACEA VAR BOTRYTIS, BRASSICA OLERACEA VAR GEMMIFERA, BRASSICA RAPA; LILIACEAE: ASPARAGUS OFFICINALIS, CHENOPODIACEAE: LETA VULGARIS; MALVACEAE: GOSSYPIUM. SOIL CALCIUM, MAGNESIUM, SODIUM, CHLORIDE, SULFATE, SALINE WATER
335. BURSTROM. H. THE ANTAGONISTIC EFFECT OF CATIONS BY OATS. SVENSK. BOT. TIDSKR. 28: 157-263. 1934. OATS GRAMINEAE; AVENA SATIVA. WATER CULTURE POTASSIUM, SODIUM, MAGNESIUM, CALCIUM, MANGANESE ION UPTAKE, ION TRANSPORT, VEGETATIVE GROWTH, MINERAL COMPOSITION, OSMOTIC POTENTIAL
336. BURVILL. G. H. PASPALUM VAGINATUM FOR SALT LAND. DEPT. AGRIC. WEST. AUST. BULL. 2324: 4 PP. 1956. PASPALUM,

SEASHORE GRAMINEAE: PASPALUM VAGINATUM.

337. BURVILL, G. H. THE SALT PROBLEM IN THE WHEAT BELT. J. DEPT. AGRIC. WEST. AUST. 27: 174-180. 1950.
338. BURVILL, G. H.; MARSHALL, A. J. T. PASPALUM VAGINATUM OR SEA SHORE PASPALUM, A SUMMER GROWING GRASS FOR WET SALT-AFFECTED AREAS. DEPT. AGRIC. WEST. AUST. LEAFLET 1054: 4 PP. 1951. PASPALUM, SEASHORE GRAMINEAE: PASPALUM VAGINATUM.
339. BURVILL, G. H.; TEAKLE, L. J. H. A NOTE ON THE SALT TOLERANCE OF WIMMERA RYE GRASS (LOLIUM RIGIDUM VAR. SUBULATUM). J. DEPT. AGRIC. WEST. AUST. 17: 35-36. 1940. RYEGRASS, WIMMERA GRAMINEAE: LOLIUM RIGIDUM.
340. BUSCH, C. D.; TURNER, F. JR. SPRINKLING COTTON WITH SALINE WATER. PROG. AGRIC. ARIZ. 17: 27-28. 1965. COTTON MALVACEAE: GOSSYPIMUM. FIELD PLOT. SOIL SALINE WATER. IRRIGATION METHOD LINT YIELD
341. BUSCHBOM, U. VON SALZRESISTENZ OBERIRDISCHER SPROSSTEILE VON HOLZGEWACHSEN. I. CHLORIDEINWIRKUNGEN AUF SPROSSOBERFLACHEN. SALT RESISTANCE OF ABOVE GROUND SHOOTS OF WOODY PLANTS. I. CHLORIDE EFFECT ON SHOOT SURFACES. (GER). FLORA ABT. B. BD. 157.S: 527-561. 1968. TREE FIELD. SOIL SODIUM, CALCIUM, CHLORIDE CHLORIDE TOLERANCE, LEAF INJURY
342. BUSCHBOM, U. VON SALZRESISTENZ OBERIRDISCHER SPROSSTEILE VON HOLZGEWACHSEN. II. CHLORIDEINWIRKUNGEN AUF DIE ACHSENGEWEBE-JAHRESLAUF DER RESISTENZ. SALT TOLERANCE OF ABOVE GROUND SHOOTS OF WOODY PLANTS. 2. EFFECT OF CHLORIDES ON AXIAL TISSUES ANNUAL RESISTANCE CYCLE. (GER). FLORA ABT. B. MORPHOL. GEOBOT. 158: 129-158. 1968. TREE: HONEYSUCKLE, EUROPEAN FLY; DOGWOOD, BLOODTWIG; BEECH, EUROPEAN (CAPRIFOLIACEAE: LONICERA XYLOSTEUM; CORNACEAE: CORNUS SANGUINEA; FAGACEAE: FAGUS SYLVATICA. FIELD. SOIL SODIUM, CHLORIDE, CALCIUM CHLORIDE TOLERANCE
343. BUSCHBOM, U. VON SALZSCHADEN AN HOLZGEWACHSEN. SALT DAMAGE IN WOODY PLANTS. (GER; ENG SUM). MITT. DTSCH. DENDROL. GES. 66: 133-151. 1973. ASPEN; COTTONWOOD; POPLAR; ALDER; OAK; WILLOW; BARIERRY; DOGWOOD; HAZELNUT; FILBERT; BURNING BUSH; STONE FRUIT; BUCKTHORN; CASCARA; CURRANT; GOOSEBERRY; HONEYSUCKLE, ASH, MOUNTAIN SALICACEAE: POPULUS, SALIX; BETULACEAE: ALNUS; FAGACEAE, QUERCUS; BERBERIDACEAE: BERBERIS; CORNACEAE: CORNUS; IETULACEAE: CORYLUS; CELASTRACEAE: EUONYMUS; ROSACEAE: PRUNUS, SORBUS; VITACEAE: RHAMNUS; SAXIFRAGACEAE: RIBES; CAPRIFOLIACEAE: LONICERA. SOIL SODIUM, CHLORIDE, CALCIUM SALT TOLERANCE
344. BUSTENAI, M.; WASEL, Y.; KULLER, Z.; GUGGENHEIM, J.; TILLMAN, G. THE USE OF SALINE WATER FOR GROWING RHODES GRASS ON COASTAL SAND DUNES. (HEB). HASSADEH 51: 603-605. 1971. RHODES GRASS GRAMINEAE: CHLOEIS GAYANA. FIELD PLOT. SAND, SPRINKLER IRRIGATION SODIUM, CALCIUM, CHLORIDE, SEA WATER, WATER QUALITY VEGETATIVE GROWTH, MINERAL COMPOSITION
345. BUTIJN, J. DE ZOUTGEVOELIGHEID VAN WINDSCHERMEN EN FRUITBOMEN OP ZOUTE PLEKKEN IN ZEELAND. THE SALT SUSCEPTIBILITY OF WIND SCREENS AND FRUIT TREES ON SALINE SPOTS IN ZEELAND. (DUT; ENG SUM). NETHERLANDS DIK. VAN DE TUINBOUW. MEDED. 17: 821-824. 1954. POPLAR, ITALIAN; POPLAR, WHITE; OSIER; APPLE; PEAR, HAWTHORN; ALDER, BLACK; ELM SALICACEAE: POPULUS, POPULUS ALBA, SALIX VIMINALIS; ROSACEAE: MALUS SYLVESTRIS, PYRUS COMMUNIS, CRATAEGUS; CORYLACEAE: ALNUS GLUTINOSA; ULMACEAE: ULMUS. FIELD. SOIL SEA WATER LEAF INJURY
346. BUTLER, J. D. SALT TOLERANT GRASSES FOR ROADSIDES. HIGHWAY RES. RECORD 411: 1-6. 1972. ALKALI GRASS, WEEPING: RYEGRASS, PERENNIAL; BLUEGRASS, KENTUCKY; WHEATGRASS, WESTERN, WHEATGRA S, CRESTED; ALKALI GRASS, NUTTALL GRAMINEAE: PUCCINELLIA DISTANS, PUCCINELLIA LEMMONII, LOLIUM PERENNE, POA PRATENSIS, AGROPHYRON CRISTATUM, PUCCINELLIA AIPOIDES, AGROPHYRON SMITHII.
347. BUTLER, J. D.; FULTS, J. L.; SANKS, G. D. REVIEW OF GRASSES FOR SALINE AND ALKALI AREAS. IN PROC. 2ND INTER. TURFGRASS RES. CONF. BLACKSBURG, VA. JUNE 1973. AMER. SOC. AGRON. AND CROP SCI. SOC. AMER. MADISON, WISC.: 551-556. 1974. ALKALI GRASS; ALKALI GRASS, WEEPING; ALKALI GRASS, LEMMON SALTGRASS, DESERT GRAMINEAE: PUCCINELLIA DISTANS, PUCCINELLIA LEMMONII, DISTICHLIS STRICTA. FIELD. SOIL SODIUM, CHLORIDE VEGETATIVE GROWTH

348. BUTLER, J. D.; HUGHES, T. D.; SANKS, G. D.; CRAIG, P. R. SALT CAUSES PROBLEMS ALONG ILLINOIS HIGHWAYS. ALKALI GRASS MAY PROVIDE COVER ON ROADSIDES WHERE HEAVY SALT USE HAS KILLED VEGETATION. ILLINOIS AGRIC. EXPT. STATION, ILLINOIS RES. 13: 3-4. 1971. ALKALI GRASS GRAMINEAE. PUCCINELLIA AIRCIDES. PUCCINELLIA DISTANS. PUCCINELLIA LEMMONII.
349. BUTTERFIELD, H. M. ORNAMENTAL PLANTS TOLERANT OF SALINE AND ALKALI SOILS. CALIF. UNIV. AGRIC. EXT. COUNTY C. 40: 3 PP. 1955. TREE: SHRUB: BULB: FLOWER
350. BUTTON, E. F. ICE CONTROL CHLORIDES AND TREE DAMAGE. PUBLIC WORKS 93: 136-137. 1965. MAPLE, SUGAR ACERACEAE: ACER SACCHARUM. FIELD, SOIL CHLORIDE LEAF INJURY
351. BUTTON, E. F. INFLUENCE OF ROCK SALT USED FOR HIGHWAY ICE CONTROL ON MATURE SUGAR MAPLES AT ONE LOCATION IN CENTRAL CONNECTICUT. CONN. STATE HIGHWAY DEPT. REPT. NO. 3: 21 PP. 1964. MAPLE, SUGAR ACERACEAE: ACER SACCHARUM. FIELD, SOIL SODIUM, CHLORIDE LEAF INJURY, MINERAL COMPOSITION
352. BUTTON, E. F. UPTAKE OF CHLORIDES BY SUGAR MAPLES FROM ROCK SALT USED FOR HIGHWAY ICE CONTROL. TURF-BULLETIN. AMHURST, MASS. 2: 11-13. 1965. MAPLE, SUGAR ACERACEAE: ACER SACCHARUM. FIELD, SOIL SODIUM, CHLORIDE LEAF INJURY, MINERAL COMPOSITION
353. BUTTON, E. F.; PEASLEE, D. E. THE EFFECT OF ROCK SALT UPON ROADSIDE SUGAR MAPLES IN CONNECTICUT. HIGHWAY RES. BOARD. HIGHWAY RES. RECORD 161: 121-131. 1967. MAPLE, SUGAR ACERACEAE: ACER SACCHARUM. FIELD, SOIL SODIUM, CHLORIDE, CALCIUM MINERAL COMPOSITION, LEAF INJURY
354. BUZIO, C. A.; BURT, G. W.; FOSS, J. E. DEICING SALT MOVEMENT AND ITS EFFECTS ON SOIL PARAMETERS AND VEGETATION. AGRON. J. 69: 1030-1032. 1977. SAWBRIER: HONEYSUCKLE, JAPANESE: BERMUDA GRASS LILIACEAE: SMILAX GLAUCA: CAPRIFFOLIACEAE: LONICERA JAPONICA: GRAMINEAE: CYNODON DACTYLON. SOIL, FIELD DEICING SALT ECOLOGY
355. CALAHAN, J. S., JR.; JOHAM, H. E. SODIUM AND CALCIUM INTERACTIONS IN THE SALT TOLERANCE OF COTTON. IN PROCEEDINGS BELT WIDE COTTON PRODUCTION RESEARCH CONFERENCES: 38-39. 1974. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. SAND, POT CALCIUM, SODIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION
356. CALDWELL, M. M. PHYSIOLOGY OF DESERT HALOPHYTES. IN ECOLOGY OF HALOPHYTES. REIMOLD, ROBERT J. AND QUEEN, WILLIAM H. (EDS.), ACADEMIC PRESS, INC., NEW YORK, N. Y.: 355-378. 1974. HALOPHYTE
357. CALVERT, D. V.; REITZ, H. T. SALINITY OF WATER FOR SPRINKLE IRRIGATION OF CITRUS. PROC. FLORIDA STATE HORT. SOC. 78: 73-78. 1965. GRAPEFRUIT RUTACEAE: CITRUS PARADISI. FIELD PLOT, SOIL, SPRINKLER IRRIGATION SODIUM, CHLORIDE LEAF INJURY
358. CAMPBELL, L. C.; PITMAN, M. G. SALINITY AND PLANT CELLS. IN SALINITY AND WATER USE. A NATIONAL SYMPOSIUM ON HYDROLOGY. TALSMAN, T. A. AND PHILIP, J. R. (EDS.), WILEY-INTERSCIENCE, NEW YORK, N. Y.: 207-224. 1971.
359. CANNON, W. A. SOME RELATIONS BETWEEN SALT PLANTS AND SALT-SPOTS. MEM. STANFORD UNIV.: 125-129. 1913. MESQUITE: SALT BUSH LEGUMINOSAE: PROSOPIS VELUTINA, PROSOPIS: CHENOPODIACEAE: ATRIPLEX CANESCENS, SUAEDA SUFFRUTESCENS, ATRIPLEX ELEGANS, ATRIPLEX NUTTALLII, ATRIPLEX POLYCARPA: SOLANACEAE: LYCIUM: VITACEAE: ZIZIPHUS LYCIOIDES: COMPOSITAE: BIGELOVIA HARTWEGII. FIELD, SOIL SALINE SOIL ECOLOGY, SODIUM UPTAKE, CHLORIDE UPTAKE
360. CARDENAS, R.; PAYNADO, A.; GAUSMAN, H. W.; GERBERMANN, A. H.; BOWEN, R. L. PHOTOGRAPHIC SENSING OF BORON AND CHLORIDE TOXICITIES OF CITRUS TREES. J. RIO GRANDE VALLEY HORT. SOC. 25: 36-45. 1971. GRAPEFRUIT RUTACEAE: CITRUS PARADISI. FIELD, SOIL SODIUM, CALCIUM, CHLORIDE, BORON LEAF INJURY, CHLOROPHYLL, MINERAL COMPOSITION
361. CARLTON, J. M. A GUIDE TO COMMON FLORIDA SALT MARSH AND MANGROVE VEGETATION. FLA. MAR. RES. PUBL. 6: 30 PP. 1975. NATIVE VEGETATION: HALOPHYTE AIZOACEAE: AMARANTHACEAE: ASTERACEAE: AVICENNIACEAE: BAIACEAE: BORAGINACEAE: CHENOPODIACEAE: COMBRETACEAE: FAGACEAE: GENTIANACEAE: JUNCACEAE: PLUMBAGINACEAE: POACEAE: PRIMULACEAE: PTERIDACEAE: RHIZOPHORACEAE: SOLANACEAE: VERBENACEAE: FIELD SALINE WATER ECOLOGY

362. CARO, M.; CERDA, A.; FERNANDEZ, F. G.; GUILLEN, M. G. TOLERANCIA A LA SALINIDAD DE PORTAINJERTOS CITRICOS DURANTE LA GERMINACION. SALT TOLERANCE OF CITRUS ROOTSTOCKS DURING GERMINATION. (SPA; ENG SUM). 2ND INTER. CONG. CITRICULTURE, MURCIA, SPAIN: 313-316. 1973. CITRUS RUTACEAE: CITRUS. GERMINATION DISHES, VERMICULITE SODIUM, CHLORIDE, ROOTSTOCK GERMINATION
363. CARPENA, O.; CARO, M.; FERNANDEZ, F. G.; CERDA, A. RELACIONES ENTRE CLORUROS Y SULFATOS EN AGUAS DE RIEGO Y EN HOJAS DE LIMONERO VERNAL. RELATIONSHIPS BETWEEN CHLORIDE AND SULFATES IN IRRIGATION WATER AND LEMON-TREE LEAVES. (SPA; ENG SUM). 2ND INTER. CONG. CITRICULTURE, MURCIA, SPAIN 1: 307-311. 1973. CITRUS RUTACEAE: CITRUS LIMON. FIELD CHLORIDE, SULFATE CHLORIDE UPTAKE, SULFATE UPTAKE, MINERAL COMPOSITION
364. CARPENA, O.; GUILLEN, M. G.; FERNANDEZ, F. G.; CARO, M. SECONDARY SALINIZATION OF CITRUS SOILS IN SOUTHEASTERN SPAIN. PROC. FIRST INTER. CITRUS SYMP. 3: 1825-1831. 1969. CITRUS RUTACEAE: CITRUS.
365. CARPENTER, E. D. SALT TOLERANCE OF ORNAMENTAL PLANTS. AMER. NURSERYMAN 131: 12-71. 1970. TREE; SHRUB
366. CARTER, D. L.; MYERS, V. I. LIGHT REFLECTANCE AND CHLOROPHYLL AND CAROTENE CONTENTS OF GRAPEFRUIT LEAVES AS AFFECTED BY Na_2SO_4 , NaCl , AND CaCl_2 . PROC. AMER. SOC. HORT. SCI. 82: 217-221. 1963. GRAPEFRUIT RUTACEAE: CITRUS PARADISI. SOIL, POT SODIUM, CALCIUM, SULFATE, CHLORIDE CHLOROPHYLL, CAROTENE
367. CARTER, D. L.; PETERSON, H. B. SODIC TOLERANCE OF TALL WHEATGRASS. AGRON. J. 54: 382-384. 1962. WHEATGRASS, TALL GRAMINEAE: AGROPYRON ELONGATUM. GREENHOUSE, SOIL, POT CALCIUM, SODIUM, CHLORIDE, EXCHANGEABLE SODIUM PERCENTAGE VEGETATIVE GROWTH
368. CASEY, H. E. SALINITY PROBLEMS IN ARID LANDS IRRIGATION: A LITERATURE REVIEW AND SELECTED BIBLIOGRAPHY. ARID LANDS INFO. PAPER NO. 7. UNIV. ARIZ., OFFICE OF ARID LANDS STUDIES, TUCSON, ARIZONA: 311 PP.
369. CASSIDY, N. G. CYCLIC SALT AND PLANT HEALTH. ENDEAVOR 30: 82-86. 1971. LILY; COCOA; GINGER; BREADFRUIT; DILLO; PEANUT; DALO; COCONUT; BANANA; SUGARCANE; CITRUS; MANGO BYTTNERIACEAE; THEOEROMA CACAO; ZINGIBERACEAE; ZINGIBER OFFICINALE; MORACEAE; ARTOCARPUS COMMUNIS; GUTTIFERAE; CALOPHYLLUM INOPHYLLUM; LEGUMINOSAE; ARACHIS HYPOGAEA; ARACEAE; COLOCASIA ANTIOUORUM; PALMAE; COCOS NUCIFERA; GRAMINEAE; SACCHARUM OFFICINARUM; RUTACEAE; CITRUS; MUSACEAE; MUSA PARADISIACA; ANACARDIACEAE; MANGIFERA INDICA. FIELD, SOIL SALT SPRAY CHLORIDE UPTAKE
370. CELESTINO, A. F.; CABALONGA, F. D.; FUMAR, D. C. THE EFFECTS OF SALINE IRRIGATION WATER ON IR-8 RICE VARIETY. RESEARCHER 5: 65-81. 1969. RICE GRAMINEAE: ORYZA SATIVA. POT, FIELD PLOT, SOIL SODIUM, CHLORIDE VEGETATIVE GROWTH
371. CERDA, A.; BINGHAM, F. T.; HOFFMAN, G. J. INTERACTIVE EFFECT OF SALINITY AND PHOSPHORUS ON SESAME. SOIL SCI. SOC. AM. J. 41: 915-918. 1977. SESAME PEDALIACEAE: SESAMUM INDICUM. WATER CULTURE SODIUM, CHLORIDE, PHOSPHORUS POD YIELD, VEGETATIVE GROWTH, LEAF WATER POTENTIAL
372. CERIGHILLI, R.; DURAND, V. INFLUENCE DU CHLORURE DE SODIUM SUR LA GERMINATION ET LA DEVELOPEMENT DU RIZ. INFLUENCE OF SODIUM CHLORIDE ON GERMINATION AND DEVELOPMENT OF RICE. (FRE). J. RIZ. 4: 34-45. 1954. RICE GRAMINEAE: ORYZA SATIVA. SODIUM, CHLORIDE GERMINATION
373. CHALAM, G. V. STUDIES ON SALINE RESISTANCE OF RICE. RICE NEWS TELLER 2: 125-129. 1954. RICE GRAMINEAE: ORYZA SATIVA. FIELD, POT, SOIL SALINE SOIL VEGETATIVE GROWTH, CHLORIDE UPTAKE
374. CHANDLER, F. B.; DEMORANVILL, I. E. THE HARMFUL EFFECT OF SALT ON CRANBERRY BOGS. CRANBERRIES 24: 6-9. 1959. CRANBERRY ERICACEAE: VACCINIUM. FIELD, PEAT MOSS, MUCK SEA WATER, CHLORIDE LEAF INJURY
375. CHANDRA, V.; SINGH, A.; KAPOOR, L. D. EXPERIMENTAL CULTIVATION OF SOME ESSENTIAL OIL BEARING PLANTS IN SALINE SOILS. PERFUMERY ESSENT OIL REC. 59: 869-873. 1975. LABIATAE: MENTHA PIPERITA, MENTHA ARVENSIS, OCIMUM KILIMANDSCHARICUM; COMPOSITAE: MATRICARIA CHAMOMILLA, TAGETES MINUTA; GRAMINEAE: VETIVERIA ZIZANIOIDES, CYMBOPOGON

- WINTERIANUS. CYMBOPOGON NARDUS; UMBELLIFERAE: ANETHUM GRAVEOLENS. FIELD. SOIL SALINE SOIL OIL COMPOSITION. VEGETATIVE GROWTH
376. CHANG. C. W. EFFECTS OF SALINE IRRIGATION WATER AND EXCHANGEABLE SODIUM ON SOIL PROPERTIES AND GROWTH OF ALFALFA. SOIL SCI. 91: 29-37. 1961. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. POT. SOIL EXCHANGEABLE SODIUM PERCENTAGE. SODIUM ADSORPTION RATIO. SODIUM. CHLORIDE. CARBONATE. SULFATE VEGETATIVE GROWTH
377. CHANG. C. W.; DREGNE. H. E. EFFECT OF EXCHANGEABLE SODIUM ON SOIL PROPERTIES AND ON GROWTH AND CATION CONTENT OF ALFALFA AND COTTON. SOIL SCI. SOC. AMER. PROC. 19: 29-35. 1955. ALFALFA; COTTON LEGUMINOSAE: MEDICAGO SATIVA; MALVACEAE: GOSSYPIMUM HIRSUTUM. GREENHOUSE. POT. SOIL SODIUM. CARBONATE. SOIL CONDITIONER. EXCHANGEABLE SODIUM PERCENTAGE MINERAL COMPOSITION. VEGETATIVE GROWTH
378. CHAPMAN. H. D.; JOSEPH. H.; RAYNER. D. S. EFFECTS OF VARIABLE MAINTAINED CHLORIDE LEVELS ON ORANGE GROWTH, YIELD, AND LEAF COMPOSITION. PROC. FIRST INTER. CITRUS SYMP. 3: 1811-1817. 1969. ORANGE RUTACEAE: CITRUS SINENSIS. WATER CULTURE. POT SODIUM. CALCIUM. CHLORIDE CHLORIDE UPTAKE. LEAF INJURY
379. CHAPMAN. S. I.; HUEY. B. A. GROWING RICE ON ALKALINE (CALCAPEOUS) SOILS. ARK. UNIV. EXT. LEAFLET 470: 6 PP. 1971. RICE GRAMINEAE: ORYZA SATIVA.
380. CHAPMAN. V. J. COASTAL VEGETATION. PERGAMON PRESS. LONDON: 245 PP. 1964. NATIVE VEGETATION: ASTER. SEA: SEA POA; LAVENDER. SEA: RUSH. MUD: SEA BLITE. SHABBY CHENOPODIACEAE: SUAEDA FRUTICOSA. SALICORNIA STRICTA. SUAEDA MARITIMA. HALIMIONE PORTULACOIDES. ATRIPLEX PATULA VAR HASTATA. SALICORNIA RUPEA. SALICORNIA AMBIGUA. SALICORNIA MUCRONATA; GRAMINEAE: AGROSTIS STOLONIFERA. SPARTINA TOWNSENDII. PHRAGMITES COMMUNIS. PUCCELLINIA MARITIMA. SPARTINA PATENS; COMPOSITAE: ASTER TRIPOLIUM. ARTEMISIA MARITIMA; CARYOPHYLLACEAE: SPERGULARIA MARGINATA; JUNCACEAE: JUNCUS MARITIMUS. JUNCUS GERARDI; PLANTAGINACEAE: PLANTAGO MARITIMA; PLUMBAGINACEAE: LIMONUM VULGARE; PRIMULACEAE: GLAUX MARITIMA; JUNCAGINACEAE: TRIGLOCHIN MARITIMA; CYPERACEAE: SCIRPUS MARITIMUS. FIELD. SOIL OSMOTIC PRESSURE. SODIUM. CHLORIDE. SEA WATER GERMINATION. ECOLOGY. LEAF INJURY
381. CHAPMAN. V. J. SALT MARSHES AND SALT DESERTS OF THE WORLD. ECOL. HALOPHYTES 14: 3-19. 1974. HALOPHYTE
382. CHAPMAN. V. J. SALT MARSHES AND SALT DESERTS OF THE WORLD. LEONARD HILL LTD. LONDON: 392 PP. 1974.
383. CHAPMAN. V. J. VEGETATION AND SALINITY. IN SALINITY AND ARIDITY: NEW APPROACHES TO OLD PROBLEMS. BOYKO. H. (ED.). JUNK PUBLISHERS. THE HAGUE: 23-42. 1966. NATIVE VEGETATION
384. CHATTERTON. N. J.; GOODIN. J. R.; DUNCAN. C. NITROGEN METABOLISM IN ATRIPLEX POLYCARPA AS AFFECTED BY SUBSTRATE NITROGEN AND NaCl SALINITY. AGRON. J. 63: 271-274. 1971. SALTBUSH CHENOPODIACEAE: ATRIPLEX POLYCARPA. WATER CULTURE. GREENHOUSE. POT NITROGEN. SODIUM. CHLORIDE VEGETATIVE GROWTH. NITROGEN UPTAKE. PROTEIN
385. CHATTERTON. N. J.; MCKELL. C. M. ATRIPLEX POLYCARPA. I. GERMINATION AND GROWTH AS AFFECTED BY SODIUM CHLORIDE IN WATER CULTURES. AGRON. J. 61: 448-450. 1969. SALTBUSH CHENOPODIACEAE: ATRIPLEX POLYCARPA. GERMINATION DISHES. GREENHOUSE. WATER CULTURE SODIUM. CHLORIDE GERMINATION. VEGETATIVE GROWTH. ROOT GROWTH
386. CHATTERTON. N. J.; MCKELL. C. M.; BINGHAM. F. T.; CLAWSON. W. J. ABSORPTION OF NA. CL. AND B BY DESERT SALTBUSH IN RELATION TO COMPOSITION OF NUTRIENT SOLUTION CULTURE. AGRON. J. 62: 351-352. 1970. SALTBUSH CHENOPODIACEAE: ATRIPLEX POLYCARPA. WATER CULTURE. GREENHOUSE. POT SODIUM. CHLORIDE. BOPON MINERAL COMPOSITION. ROOT GROWTH. VEGETATIVE GROWTH
387. CHATTERTON. N. J.; MCKELL. C. M.; GOODIN. J. R.; BINGHAM. F. T. ATRIPLEX POLYCARPA. II. GERMINATION AND GROWTH IN WATER CULTURES CONTAINING HIGH LEVELS OF BORON. AGRON. J. 61: 451-453. 1969. SALTBUSH CHENOPODIACEAE: ATRIPLEX POLYCARPA. WATER CULTURE. GREENHOUSE. POT. GERMINATION DISHES. GROWTH CHAMBER BORON GERMINATION. ROOT GROWTH. VEGETATIVE GROWTH. MINERAL COMPOSITION

388. CHAUDHARY, T. N.; BHATNAGAR, V. K.; PRIHAR, S. S. GROWTH RESPONSE OF CROPS TO DEPTH AND SALINITY OF GROUND WATER, AND SOIL SUBMERGENCE. I. WHEAT (*TRITICUM AESTIVUM* L.). *AGRON. J.* 66: 32-35, 1974. WHEAT GRAMINEAE: *TRITICUM AESTIVUM*. LYSIMETER. SOIL CALCIUM, MAGNESIUM, SODIUM, GROUNDWATER QUALITY, WATER TABLE GRAIN YIELD, STRAW YIELD, VEGETATIVE GROWTH
389. CHAUDHRI, I. I.; SHAH, B. H.; NAOVI, N.; MALLICK, I. A. INVESTIGATIONS ON THE ROLE OF *SUAEDA FRUTICOSA* FORSK. IN THE RECLAMATION OF SALINE AND ALKALINE SOILS IN WEST PAKISTAN. *PLANT SOIL* 21: 1-7, 1964. CHENOPODIACEAE: *SUAEDA FRUTICOSA*. FIELD. SOIL SALINE SOIL, ALKALINE SOIL, LEACHING MINERAL COMPOSITION
390. CHAUDHURI, I. I.; WIEBE, H. H. THE INDUCTION OF SALT RESISTANCE BY CALCIUM CHLORIDE PRETREATMENT OF WHEAT GRAINS. *NATURWISSENSCHAFTEN* 51: 563-564, 1964. WHEAT GRAMINEAE: *TRITICUM VULGARE*, *TRITICUM AESTIVUM*. GROWTH CHAMBER, GERMINATION DISHES CALCIUM, CHLORIDE, SODIUM, SEED PRETREATMENT GERMINATION, CALCIUM UPTAKE, SODIUM UPTAKE
391. CHAUDHURI, I. I.; WIEBE, H. H. INFLUENCE OF CALCIUM PRETREATMENT ON WHEAT GERMINATION ON SALINE MEDIA. *PLANT SOIL*, 28: 208-216, 1968. WHEAT GRAMINEAE: *TRITICUM VULGARE*, *TRITICUM AESTIVUM*. GERMINATION DISHES, GROWTH CHAMBER CALCIUM, SODIUM, CHLORIDE GERMINATION, ROOT GROWTH, SODIUM UPTAKE
392. CHERNENKO, E. N. SALT-RESISTANT PLANTS IN AREAS NORTHWEST OF THE BLACK SEA WHICH ARE PROMISING FOR INTRODUCTION INTO CULTIVATION. (RUS). *ISSLEDOVANIE FLORY SEVERO-ZAPADNOGO PRICHERNOMOR'YA VYPUSK 1: ODESSA, UKRAINIAN SSR REFERATIVNYI ZHURNAL* 9 55.1017: 94-106, 1975. ALKALI GRASS GRAMINEAE: *PUCCINELLIA BRACHYLEPIS*, *PUCCINELLIA FOMINII*. FIELD. SOIL SALINE SOIL SALT TOLERANCE, VEGETATIVE GROWTH
393. CHEVALIER, G. LES NITRARIA, PLANTES UTILES DES DESERTS SALES. THE NITRARIA, USEFUL PLANT IN SALINE DESERTS. (FRE). *REVUE DE BOTANIQUE APPLIQUEE ET D'AGRICULTURE TROPICALE (PARIS)* 29: 595-601, 1949. ZYGOPHYLLACEAE: *NITRARIA SPHAEROCARPA*, *NITRARIA ROBOROWSKII*, *NITRARIA BILLARDIERI*, *NITRARIA RETUSA*. ALKALINE, MAGNESIUM, SODIUM ECOLOGY
394. CHHONKAR, P. K.; ISWARAN, V.; JAUHRI, K. S. SEED PELLETING IN RELATION TO NODULATION AND NITROGEN FIXATION BY *PHASEOLUS AUREUS* L. IN A SALINE ALKALI SOIL. *PLANT SOIL* 35: 449-452, 1971. BEAN, MUNG LEGUMINOSAE: *PHASEOLUS AUREUS*. POT. SOIL INNOCULATION, SEED PELLETING, SALINE SOIL NODULATION, VEGETATIVE GROWTH, ROOT GROWTH
395. CHOI, H. O.; KIM, D. S. STUDIES ON THE TOLERANCE OF RICE PLANTS TO SALINITY. I. VARIETAL DIFFERENCES IN ROOTING ACTIVITY OF RICE SEEDLINGS IN SALINE SOLUTIONS. (KOR; ENG SUM). *RES. REP. RURAL DEV.* 7: 131-138, 1964. RICE GRAMINEAE: *ORYZA SATIVA*. SODIUM, CHLORIDE ROOT GROWTH
396. CHOUDHURI, G. N. EFFECT OF SOIL SALINITY ON GERMINATION AND SURVIVAL OF SOME STEPPE PLANTS IN WASHINGTON. *ECOLOGY* 49: 465-471, 1968. GRAMINEAE: *AGROPYRON SPICATUM*, *ELYMUS CINEREUS*; TYPHACEAE: *TYPHA LATIFOLIA*; CRUCIFERAE: *LEPIDIUM PERFOLIATUM*; COMPOSITAE: *ARTEMISIA TRIDENTATA*. GROWTH CHAMBER, GERMINATION DISHES, GREENHOUSE, SOIL, POT SODIUM, CHLORIDE, CARBONATE, SULFATE, POLYETHYLENE GLYCOL GERMINATION, VEGETATIVE GROWTH
397. CHRISTENSEN, L. P.; AYERS, R. S.; KASIMATIS, A. N. BORON AND SALINITY IN VINEYARDS OF THE WEST SIDE, FRESNO COUNTY, CALIF. *AGRIC.* 28: 10-11, 1974. GRAPE VITACEAE: *VITIS*. SOIL, FIELD BORON, SODIUM, CHLORIDE VEGETATIVE GROWTH, BORON UPTAKE, SODIUM UPTAKE, CHLORIDE UPTAKE
398. CHROMETZKA, P. SALZTOLERANZ, URSACHEN UND PRAKTISCHE MOGLICHKEITEN ZU DEREN STEIGERUNG SALT TOLERANCE, CAUSES AND PRACTICAL POSSIBILITIES FOR ITS INCREASE. (GER). *EUR. J. PATHOL.* 4: 50-52, 1974. CHLORIDE, SULFATE TRANSPIRATION, OSMOTIC PRESSURE, CELL PLASMA
399. CHROMETZKA, P. SALZVERTRAGLICHKEIT BEI PFLANZEN. THE SALT TOLERANCE OF PLANTS. (GER). *DEUTSCHE BAUMSCHULE* 26: 256-257, 1974. TREE: SHRUB SOIL CHLORIDE, SALINE SOIL CHLORIDE UPTAKE, VEGETATIVE GROWTH
400. CHU, T. M.; ASPINALL, D.; PALEG, L. G. STRESS METABOLISM. 7. SALINITY AND PROLINE ACCUMULATION IN BARLEY. *AUST. J. PLANT PHYSIOL.* 3: 219-228, 1976. BARLEY GRAMINEAE: *HORDEUM VULGARE*. WATER CULTURE, POT SODIUM, CHLORIDE PROLINE, OSMOTIC POTENTIAL

401. CHUONG, VAN-LUNG; LAPINA, L. P. INTENSITY AND PRODUCTIVITY OF PHOTOSYNTHESIS IN PLANTS UNDER SALINIZATION. (RUS; ENG SUM). S-KH. BIOL. 9: 381-384. 1974. CORN; SUNFLOWER; BEAN GRAMINEAE; ZEA MAYS; COMPOSITAE; HELIANTHUS ANNUUS; LEGUMINOSAE; PHASEOLUS VULGARIS. SOIL SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, PHOTOSYNTHESIS
402. CHUPRININA, E. V. THE FORMATION OF GENERATIVE ORGANS AND BARLEY YIELDS ON SALINE SOILS. (RUS; ENG SUM). SEL-SKOKHOZ BIOL. 5: 351-354. 1970. BARLEY GRAMINEAE; HORDEUM VULGARE. SOIL SALINE SOIL HISTOLOGY, ANATOMICAL RESPONSE, MORPHOGENESIS
403. CHUPRININA, E. V. SOME CHARACTERISTICS OF THE FORMATION OF THE GROWING POINTS OF BARLEY UNDER SOIL SALINIZATION CONDITIONS. (RUS). BIOL. NAUKL. 15: 66-69. 1972. BARLEY GRAMINEAE; HORDEUM VULGARE. POT. SOIL CHLORIDE, SULFATE GERMINATION, VEGETATIVE GROWTH
404. CLARK, L. D.; HANNON, N. J. THE MANGROVE SWAMP AND SALT MARSH COMMUNITIES OF THE SYDNEY DISTRICT. III. PLANT GROWTH IN RELATION TO SALINITY AND WATERLOGGING. J. ECOL. 58: 351-359. 1970. CHENOPODIACEAE; ARTHROCNEMUM AUSTRALASICUM, SUAEDA AUSTRALIS; JUNCACEAE; JUNCUS MARITIMUS; GRAMINEAE; SPOROBOLUS VIRGINICUS; MYRSINACEAE; AEGICERAS CORNICULATUM; VERBENACEAE; AVICENNIA MARINA; CASUARINACEAE; CASUARINA GLAUCA; JUNCAGINACEAE; TRIGLOCHIN STRIATA. GREENHOUSE, GERMINATION DISHES, WATER CULTURE, POT SEA WATER GERMINATION, SEEDLING GROWTH, VEGETATIVE GROWTH
405. CLARK, L. D.; WEST, N. E. FURTHER STUDIES OF EUROTIA LANATA GERMINATION IN RELATION TO SALINITY. SOUTHWEST NATUR. 15: 371-375. 1971. WINTER FAT CHENOPODIACEAE; EUROTIA LANATA. GERMINATION DISHES SODIUM, CHLORIDE, CALCIUM, POTASSIUM, CARBONATE, SULFATE GERMINATION
406. CLARK, L. D.; WEST, N. E. GERMINATION OF KOCHIA AMERICANA IN RELATION TO SALINITY. J. RANGE MAN. 22: 286-287. 1969. MOLLY, DESERT CHENOPODIACEAE; KOCHIA AMERICANA. GERMINATION DISHES SODIUM, CHLORIDE GERMINATION
407. CLAY, D. W. T.; DAVISON, J. G. EFFECTS OF SOIL SALINITY ON GLASSHOUSE CROPS. UNIV. NOTTINGHAM REPT. SCHOOL AGRIC. 1957: 39-42. 1958. TOMATO; LETTUCE SOLANACEAE; LYCOPERSICON ESCULENTUM; COMPOSITAE; LACTUCA SATIVA. GREENHOUSE, SOIL POTASSIUM, MAGNESIUM, SULFATE LEAF INJURY
408. CLAY, D. W. T.; HUDSON, J. P. EFFECTS OF HIGH LEVELS OF POTASSIUM AND MAGNESIUM SULPHATES ON TOMATOES. J. HORT. SCI. 35: 85-97. 1960. TOMATO SOLANACEAE; LYCOPERSICON ESCULENTUM. FIELD PLOT, LYSIMETER POTASSIUM, MAGNESIUM, SULFATE LEAF INJURY, VEGETATIVE GROWTH
409. CLAYTON, J. L. SALT SPRAY AND MINERAL CYCLING IN TWO CALIFORNIA COASTAL ECOSYSTEMS. ECOLOGY 53: 74-81. 1972. COMPOSITAE; EACCHARIS PILULARIS. FIELD, SOIL, GREENHOUSE, POT, WATER CULTURE SODIUM, SEA WATER, FOLIAR SPRAY MINERAL COMPOSITION, SODIUM UPTAKE
410. COE, H. S. SWEET CLOVER, GROWING THE CROP. USDA FARMER'S BULL. 797: 34 PP. 1917. CLOVER, SWEET LEGUMINOSAE; MELILOTUS.
411. COLE, E. SALTY LAND RECLAIMED BY DHUP GRASS. INDIAN FARM. 1: 280-282. 1940. BERMUDA GRASS GRAMINEAE; CYNODON DACTYLON.
412. COLLINGS, G. H. THE INFLUENCE OF BORON ON THE GROWTH OF THE SOYBEAN PLANT. SOIL SCI. 23: 83-104. 1927. SOYBEAN LEGUMINOSAE; GLYCINE MAX. SOIL, SAND, WATER CULTURE, POT BORON GERMINATION, SEEDLING GROWTH, VEGETATIVE GROWTH, ROOT GROWTH, LEAF INJURY
413. COLMENARES, M. J.; BLASCO, L. M. EFFECTS OF DIFFERENT SALTS ADDED TO A SOIL ON BEAN (PHASEOLUS VULGARIS L.) PRODUCTION. TURRIALBA 24: 38-46. 1974. BEAN LEGUMINOSAE; PHASEOLUS VULGARIS. SOIL, GREENHOUSE, POT SODIUM, CHLORIDE, CALCIUM, SULFATE, MAGNESIUM, SALINE SOIL VEGETATIVE GROWTH
414. CONNER, S. D. THE INJURIOUS EFFECT OF BORAX IN FERTILIZERS ON CORN. INDIAN ACAD. SCI. 1917: 195-199. 1918. CORN GRAMINEAE; ZEA MAYS. SOIL, POT, GREENHOUSE FERTILIZER, BORON GERMINATION, VEGETATIVE GROWTH

415. CONTREIRAS, J. SUBSIDIOS PARA O ESTUDO DA INFLUENCIA DO CLOPETO DE SODIO NO TRIGO E NA CEVADA. THE INFLUENCE OF NaCl ON WHEAT AND BARLEY. (POR). AGRONOMIA LUSITANA 3: 227-233. 1941. WHEAT; BARLEY GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE. SODIUM, CHLORIDE GERMINATION, VEGETATIVE GROWTH, SIED WEIGHT
416. COOPER, A. W.; DUNBROFF, E. G. PLANT ADJUSTMENT TO OSMOTIC STRESS IN BALANCED MINERAL NUTRIENT MEDIA. CAN. J. BOT. 51: 763-773. 1973. BEAN; TOMATO LEGUMINOSAE: PHASEOLUS VULGARIS; SOLANACEAE: LYCOPERSICON ESCULENTUM. SAND. POT. WATER CULTURE OSMOTIC STRESS VEGETATIVE GROWTH, WATER CONTENT, OSMOTIC POTENTIAL
417. COOPER, W. C. COLLAPSE OF MATURE PAPAYA PLANTS ASSOCIATED WITH ACCUMULATION OF CHLORIDES IN THE ROOTS. TEXAS AVOCADO SOC. YEARBOOK 6: 37-40. 1953. PAPAYA CARICACEAE: CARICA PAPAYA. FIELD. SOIL SALINE SOIL, SALINE WATER MINERAL COMPOSITION, LEAF INJURY, CHLORIDE UPTAKE, SODIUM UPTAKE
418. COOPER, W. C. A PROGRESS REPORT FOR 1948 ON THE TEXAS CITRUS ROOTSTOCK INVESTIGATION. LOWER RIO GRANDE VALLEY CITRUS AND VEG. INST. 3RD ANNU. PROC.: 128-154. 1948. CITRUS RUTACEAE: CITRUS. FIELD PLOT, SOIL CALCIUM, SODIUM, CHLORIDE, ROOTSTOCK, SCION LEAF INJURY, MINERAL COMPOSITION
419. COOPER, W. C. SALT TOLERANCE OF AVOCADOS ON VARIOUS ROOTSTOCKS. TEXAS AVOCADO SOC. YEARBOOK 1951: 24-28. 1951. AVOCADO LAURACEAE: PERSEA AMERICANA. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, ROOTSTOCK, SCION LEAF INJURY, SODIUM UPTAKE, CHLORIDE UPTAKE
420. COOPER, W. C. TIP BURN PROBLEM ON AVOCADOS. TEXAS AVOCADO SOC. YEARBOOK: 52-53. 1948. AVOCADO LAURACEAE: PERSEA AMERICANA.
421. COOPER, W. C. TOXICITY AND ACCUMULATION OF SALTS IN CITRUS TREES ON VARIOUS ROOTSTOCKS IN TEXAS. THE CITRUS INDUSTRY 43: 5-7, 9-10, 18-19. 1962. CITRUS RUTACEAE: CITRUS. FIELD PLOT, SOIL SODIUM, CHLORIDE, CALCIUM, SULFATE, BORON TOXICITY, LEAF INJURY, BORON UPTAKE, CHLORIDE UPTAKE
422. COOPER, W. C. TOXICITY AND ACCUMULATION OF SALTS IN CITRUS TREES ON VARIOUS ROOTSTOCKS IN TEXAS. FLORIDA STATE HORT. SOC. 74: 95-104. 1961. CITRUS RUTACEAE: CITRUS. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, ROOTSTOCK, SCION, SULFATE BORON, WATER QUALITY LEAF INJURY, MINERAL COMPOSITION, CHLORIDE UPTAKE, SODIUM UPTAKE, SALT TOLERANCE, CHLORIDE TOLERANCE, SODIUM TOLERANCE, SULFATE TOLERANCE, BORON TOLERANCE, BORON UPTAKE
423. COOPER, W. C.; COWLEY, W. R.; SHULL, A. V. SELECTION FOR SALT TOLERANCE OF SOME SUBTROPICAL FRUIT PLANTS. TEXAS AVOCADO SOC. YEARBOOK 5: 24-36. 1952. CITRUS; AVOCADO; MANGO; PAPAYA; SAPOTE, WHITE; GUAVA; CHERRY, SURINAM; LOQUAT; GOOSEBERRY, CEYLON; PLUM, NATAL; CHERIMOYA RUTACEAE: CITRUS, CASIMIROA EDULIS; LAURACEAE: PERSEA AMERICANA; ANACARDIACEAE: MANGIFERA INDICA; CARICACEAE: CARICA PAPAYA; MYRTACEAE: PSIDIUM GUAJAVA, EUGENIA UNIFLORA; ROSACEAE: ERIOBOTRYA JAPONICA; FLACOURTIACEAE: DOVYALIS HEBECARPA; APOCYNACEAE: CARISSA GRANDIFLORA; ANNONACEAE: ANNONA CHERIMOLA.
424. COOPER, W. C.; EDWARDS, C. SALT AND BORON TOLERANCE OF SHARY RED GRAPEFRUIT AND VALENCIA ORANGE ON SOUR ORANGE AND CLEOPATRA MANDARIN ROOTSTOCK. RIO GRANDE VALLEY HORT. INST. PROC. 4: 18-79. 1950. GRAPEFRUIT, ORANGE RUTACEAE: CITRUS PARADISI, CITRUS SINENSIS, CITRUS AURANTIUM, CITRUS RETICULATA. FIELD PLOT, SOIL BORON, CALCIUM, SODIUM CHLORIDE, ROOTSTOCK, SCION LEAF INJURY
425. COOPER, W. C.; GORTON, B. S. RELATION OF LEAF COMPOSITION TO LEAF BURN OF AVOCADOS AND OTHER SUBTROPICAL FRUITS. TEXAS AVOCADO SOC. YEARBOOK 1951: 32-38. 1951. AVOCADO; GRAPEFRUIT; SAPOTE, WHITE; MANGO; APPLE, ROSE LAURACEAE: PERSEA AMERICANA; RUTACEAE: CITRUS PARADISI, CASIMIROA EDULIS; ANACARDIACEAE: MANGIFERA INDICA; MYRTACEAE: SYZGIUM JAMBOS. SOIL ROOTSTOCK, SCION LEAF INJURY, MINERAL COMPOSITION
426. COOPER, W. C.; GORTON, B. S. TOXICITY AND ACCUMULATION OF CHLORIDE SALTS IN CITRUS ON VARIOUS ROOTSTOCK. AMER. SOC. HORT. SCI. PROC. 59: 143-146. 1952. CITRUS RUTACEAE: CITRUS. SOIL ROOTSTOCK, SODIUM, CHLORIDE, CALCIUM MINERAL COMPOSITION, TOXICITY, CHLORIDE UPTAKE

427. COOPER, W. C.; GORTON, B. S.; EDWARDS, C. SALT TOLERANCE OF VARIOUS CITRUS ROOTSTOCKS. RIO GRANDE VALLEY HORT. INST. PROC. 5: 46-52. 1951. CITRUS RUTACEAE: CITRUS. FIELD PLOT, SOIL ROOTSTOCK, SODIUM, CALCIUM, CHLORIDE LEAF INJURY, CHLORIDE UPTAKE
428. COOPER, W. C.; GORTON, B. S.; OLSON, E. O. IONIC ACCUMULATION IN CITRUS AS INFLUENCED BY ROOTSTOCK AND SCION AND CONCENTRATION OF SALTS AND BORON IN THE SUBSTRATE. PLANT PHYSIOL. 27: 191-203. 1952. CITRUS RUTACEAE: CITRUS. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, BORON, ROOTSTOCK, SCION MINERAL COMPOSITION, LEAF INJURY
429. COOPER, W. C.; LINK, H. SALT TOLERANCE OF SUBTROPICAL ORNAMENTAL PLANTS. TEXAS AVOCADO SOC. YEARBOOK 6: 47-50. 1953. SHRUB: TREE POT, SOIL SALINE WATER, SALINE SOIL TOXICITY, LEAF INJURY, BORON UPTAKE, CHLORIDE UPTAKE
430. COOPER, W. C.; OLSON, E. O.; MAXWELL, N.; SHULL, A. ORCHARD PERFORMANCE OF YOUNG TREES OF RED GRAPEFRUIT ON VARIOUS ROOTSTOCKS IN TEXAS. AMER. SOC. HORT. SCI. PROC. 70: 213-222. 1957. GRAPEFRUIT RUTACEAE: CITRUS PARADISI. FIELD, SOIL SALINE SOIL, EXCHANGEABLE SODIUM PERCENTAGE, BORON, CARBONATE, ROOTSTOCK, SCION LEAF INJURY
431. COOPER, W. C.; PEYNADO, A. THE CHEMICAL COMPOSITION OF PAPAYA PLANTS GROWN IN SALINE SOILS. TEXAS AVOCADO SOC. YEARBOOK 7: 43-48. 1954. PAPAYA CARICACEAE: CARICA PAPAYA. FIELD, SOIL SALINE SOIL MINERAL COMPOSITION
432. COOPER, W. C.; PEYNADO, A. CHLORIDE AND BORON TOLERANCE OF YOUNG-LINE CITRUS TREES ON VARIOUS ROOTSTOCKS. J. RIO GRANDE VALLEY HORT. SOC. 13: 89-96. 1959. CITRUS RUTACEAE: CITRUS. SOIL, FIELD PLOT ROOTSTOCK, CHLORIDE, BORON, SODIUM CHLORIDE UPTAKE, BORON UPTAKE, VEGETATIVE GROWTH
433. COOPER, W. C.; PEYNADO, A. A COMPARISON OF SOUR ORANGE AND CLEOPATRA MANDARIN SEEDLINGS ON SALTY AND CALCAREOUS NURSERY SOILS. PROC. ANN. RIO GRANDE VALLEY HORT. INST. 7: 95-101. 1953. ORANGE, SOUR, MANDARIN RUTACEAE: CITRUS AURANTIUM, CITRUS RETICULATA. SOIL SALINE SOIL, ROOTSTOCK LEAF INJURY, MINERAL COMPOSITION
434. COOPER, W. C.; PEYNADO, A. EXPERIMENTAL CONTROL IN CITRUS TREES OF IRON CHLOROSIS ASSOCIATED WITH THE VIRUS DISEASE CACHEXIA AND HIGH SOIL SALINITY BY APPLICATION OF IRON CHELATE. J. RIO GRANDE VALLEY HORT. SOC. 13: 75-80. 1959. CITRUS RUTACEAE: CITRUS. SOIL, FIELD PLOT IRON CHELATE, SALINE SOIL, ROOTSTOCK CACHEXIA, VEGETATIVE GROWTH
435. COOPER, W. C.; PEYNADO, A.; MAXWELL, N.; OTEY, G. SALT TOLERANCE AND COLD HARDINESS TESTS ON AVOCADO TREES. J. RIO GRANDE VALLEY HORT. SOC. 11: 67-74. 1957. AVOCADO LAURACEAE: PERSEA AMERICANA. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, VARIETY LEAF INJURY, CHLORIDE UPTAKE
436. COOPER, W. C.; PEYNADO, A.; OLSEN, E. O. RESPONSE OF GRAPEFRUIT ON TWO ROOTSTOCKS TO CALCIUM ADDITIONS TO HIGH-SODIUM, BORON CONTAMINATED, AND SALINE IRRIGATION WATER. SOIL SCI. 86: 180-184. 1958. GRAPEFRUIT RUTACEAE: CITRUS PARADISI. FIELD, SOIL BORON, CALCIUM, SODIUM, CHLORIDE, SULFATE, NITROGEN, ROOTSTOCK, SODIUM ADSORPTION RATIO LEAF INJURY, MINERAL COMPOSITION, ROOT GROWTH
437. COOPER, W. C.; PEYNADO, A.; SHULL, A. V. SCREENING CITRUS ROOTSTOCK SEEDLINGS FOR TOLERANCE TO CALCAREOUS SOILS. PROC. ANN. RIO GRANDE VALLEY HORT. INST. 8: 100-105. 1954. CITRUS RUTACEAE: CITRUS. FIELD PLOT, SOIL CALCAREOUS SOIL, CALCIUM, CARBONATE, ROOTSTOCK IRON CHLOROSIS, LEAF INJURY
438. COOPER, W. C.; SHULL, A. V. SALT TOLERANCE OF AND ACCUMULATION OF SODIUM AND CHLORIDE IONS IN GRAPEFRUIT ON VARIOUS ROOTSTOCKS GROWN IN A NATURALLY SALINE SOIL. PROC. RIO GRANDE VALLEY HORT. INST. 7: 107-117. 1953. GRAPEFRUIT RUTACEAE: CITRUS PARADISI. SOIL, FIELD PLOT SALINE SOIL, ROOTSTOCK, SULFATE, BICARBONATE, CHLORIDE, SODIUM, CALCIUM, MAGNESIUM SODIUM UPTAKE, CHLORIDE UPTAKE, LEAF INJURY, SALT TOLERANCE
439. CORBETT, E. G.; GAUSMAN, H. W. THE INTERACTION OF CHLORIDE WITH SULFATE AND PHOSPHATE IN THE NUTRITION OF POTATO PLANTS (SOLANUM TUBEROSUM). AGRIC. J. 52: 94-96. 1960. POTATO SOLANACEAE: SOLANUM TUBEROSUM. GREENHOUSE. SAND, POT, WATER CULTURE CHLORIDE, SULFATE, PHOSPHATE, SODIUM SULFATE UPTAKE, PHOSPHATE UPTAKE, VEGETATIVE GROWTH

440. CORDUKES, W. E. TOLERANCE OF VARIOUS TURFGRASSES TO FOLIAR APPLICATION OF ROAD SALT. GREENHOUSE GARDEN GRASS 7: 1-3. 1968. BLUEGRASS, KENTUCKY; FESCUE, RED CREEPING; BENTGRASS; FESCUE, TALL; RYEGRASS; BLUEGRASS, ANNUAL; DANDELION; PLANTAIN, COMMON; CHICKWEED, MOUSE-EARED GRAMINEAE: POA PRATENSIS, FESTUCA RUBRA, AGROSTIS TENUIS, AGROSTIS PALUSTRIS, FESTUCA ARUNDINACEA, LOLIUM PERENNE, POA ANNUA; COMPOSITAE: TARAXACUM OFFICINALE; PLANTAGINACEAE: PLANTAGO MAJOR; CARYOPHYLLACEAE: CERASTIUM VULGATUM. POT, SOIL VARIETY, DEICING SALT SALT TOLERANCE, LEAF INJURY
441. CORDUKES, W. E. TURFGRASS TOLERANCE TO ROAD SALT. GOLF SUPER. 38: 44-48. 1970. BLUEGRASS, KENTUCKY; FESCUE, RED CREEPING; FESCUE, TALL; RYEGRASS, PERENNIAL; BLUEGRASS, ANNUAL GRAMINEAE: POA PRATENSIS, FESTUCA RUBRA, FESTUCA ARUNDINACEA, LOLIUM PERENNE, POA ANNUA. SOIL, FIELD, POT, GREENHOUSE SODIUM, CHLORIDE, FOLIAR SPRAY CHLORIDE UPTAKE, LEAF INJURY, GERMINATION
442. CORDUKES, W. E.; MACLEAN, A. J. TOLERANCE OF SOME TURFGRASS SPECIES TO DIFFERENT CONCENTRATIONS OF SALT IN SOILS. CAN. J. PLANT SCI. 53: 69-73. 1973. BLUEGRASS, KENTUCKY; FESCUE, RED CREEPING; RYEGRASS, PERENNIAL GRAMINEAE: POA PRATENSIS, FESTUCA RUBRA, LOLIUM PERENNE. POT, SOIL, GREENHOUSE CALCIUM, CHLORIDE, SOIL TYPE LEAF INJURY, CHLORIDE UPTAKE, ROOT GROWTH
443. CORDUKES, W. E.; PARUPS, E. V. CHLORIDE UPTAKE BY TURFGRASSES AS AFFECTED BY CALCIUM LEVELS. CAN. J. PLANT SCI. 52: 247-249. 1972. BLUEGRASS, KENTUCKY; FESCUE, RED; RYEGRASS, PERENNIAL GRAMINEAE: POA PRATENSIS, FESTUCA RUBRA, LOLIUM PERENNE. POT, GREENHOUSE, VERMICULITE, SAND CHLORIDE, CALCIUM, SULFATE CHLORIDE UPTAKE
444. CORDUKES, W. E.; PARUPS, E. V. CHLORIDE UPTAKE BY VARIOUS TURFGRASS SPECIES AND CULTIVARS. CAN. J. PLANT SCI. 51: 485-490. 1971. BENTGRASS, HIGHLAND; RYEGRASS, ITALIAN; RYEGRASS, PERENNIAL; TIMOTHY; BLUEGRASS, KENTUCKY; FESCUE, TALL; FESCUE, RED GRAMINEAE: AGROSTIS TENUIS, LOLIUM MULTIFLORUM, LOLIUM PERENNE, PHEUM PRATENSE, POA PRATENSIS, FESTUCA ARUNDINACEA, FESTUCA RUBRA. SAND, VERMICULITE, GREENHOUSE CHLORIDE, SULFATE, CARBONATE CHLORIDE UPTAKE
445. COSTANTINI, A.; RICH, A. E. COMPARISON OF SALT INJURY TO 4 SPECIES OF CONIFEROUS TREE SEEDLINGS WHEN SALT WAS APPLIED TO THE POTTING MEDIUM AND TO THE NEEDLES WITH OR WITHOUT AN ANTI-TRANSPIRANT. PHYTOPATH. 63: 200. 1973. PINE, WHITE; PINE, SCOTS; SPRUCE, WHITE; FIR, SOUTHERN BALSAM PINACEAE: PINUS STROBUS, PINUS SYLVESTRIS, PICEA GLAUCA, ABIES FRASERI. GREENHOUSE, POT, PEAT MOSS SODIUM, CHLORIDE, ANTITRANSPIRANT, SALT SPRAY LEAF INJURY, CHLORIDE UPTAKE
446. COUDRET, A. ACTION DE DIFFERENTS SELS SUR LE DEROULEMENT DE LA GERMINATION ET SUR L'EVOLUTION DE PHENOMENE RESPIRATOIRE CHEZ LES GRAINES DE ZYGOPHYLLUM ALBUM L. GERMINATION AND RESPIRATION OF ZYGOPHYLLUM ALBUM WITH DIFFERENT SALT CONCENTRATIONS. (FRE, ENG SUM). BULL. SOC. BOT. FR. 118: 471-480. 1971. ZYGOPHYLLACEAE: ZYGOPHYLLUM ALBUM. SODIUM, MAGNESIUM, CHLORIDE, SULFATE GERMINATION, RESPIRATION
447. COUPIN, H. SUR LA TOXICITE DU CHLORURE DE SODIUM ET DE L'EAU DE MER A L'EGARD DES VEGETAUX. TOXICITY OF SODIUM CHLORIDE AND SEA WATER WITH RESPECT TO PLANTS. (FRE). REV. GEN. BOT. (PARIS) 10: 177-190. 1898. WHEAT; CORN; PEA; LUPINE; VETCH GRAMINEAE: TRITICUM AESTIVUM, ZEA MAYS; LEGUMINOSAL: PISUM SATIVUM, LUPINUS, VICIA. WATER CULTURE, POT SODIUM, CHLORIDE, SEA WATER GERMINATION
448. CROWLE, W. L. REVENUE SLENDER WHEATGRASS. CAN. J. PLANT SCI. 50: 748-749. 1970. WHEATGRASS, SLENDER GRAMINEAE: AGROPYRON TRACHYCAULUM. GREENHOUSE, SOIL SALINE SOIL GERMINATION, VEGETATIVE GROWTH
449. CURRIER, H. B. EFFECTS OF TOXIC COMPOUNDS: STIMULATION, INHIBITION, INJURY, AND DEATH. ENCYCLOPEDIA PLANT PHYSIOL. SPRINGER-VERLAG, BERLIN II: 792-825. 1956.
450. CURTIS, C. R.; GAUCH, H. G.; SIK, R. SODIUM AND CHLORIDE CONCENTRATIONS IN NATIVE VEGETATION NEAR CHALK POINT, MARYLAND. COOLING TOWER ENVIRONMENT 1974. PROCEEDINGS OF A SYMPOSIUM. HANNA, S. R. AND FELL, J. (EDS.), COLLEGE PARK, MD., U.S.A., MARCH 4-6, 1974. U.S. ENERGY RESEARCH AND DEVELOPMENT ADMIN., TECHNICAL INFORMATION CENTER; OAK RIDGE, TENN.: 370-37B. 1975. SASSAFRAS; SUMAC, SMOOTH; GRAPE, FOX; LOCUST, BLACK; PINE, LOBLOLLY; PINE, VIRGINIA;

- DOGWOOD; MAPLE, RED; OAK, WILLOW; CHERRY, BLACK; HICKORY, SHAGBARK; HOLLY, AMERICAN; POPLAR, LOMBARDY PINACEAE: PINUS VIRGINIANA, PINUS TAEDA; ROSACEAE: PRUNUS SEROTINA; ACERACEAE: ACER RUBRUM; CORNACEAE: CORNUS FLORIDA; LAURACEAE: SASSAFRAS ALBIDUM; SALICACEAE: POPULUS NIGRA; ANACARDIACEAE: RHUS GLABRA; FAGACEAE: QUERCUS PHELLOS; VITACEAE: VITIS LABRUSCA; AQUIFOLIACEAE: ILEX OPACA; LEGUMINOSAE: ROBINIA PSEUDOACACIA; JUGLANDACEAE: CARYA OVATA. FIELD, SOIL COOLING TOWER, SALT DRIFT SODIUM UPTAKE, CHLORIDE UPTAKE, ECOLOGY
451. CURTIS, C. R.; LAUVER, T. L.; FRANCIS, B. A. COOLING TOWER EFFECTS ON NATIVE PERENNIAL VEGETATION. WATER RESOURCES RES. CENTER, UNIV. MARYLAND, WRRS SPECIAL REPORT NO. 2: 51 PP. 1976. DOGWOOD, FLOWERING, PINE, VIRGINIA; SASSAFRAS; LOCUST, BLACK CORNACEAE: CORNUS FLORIDA; PINACEAE: PINUS VIRGINIANA; LAURACEAE: SASSAFRAS ALBIDUM; LEGUMINOSAE: ROBINIA PSEUDOACACIA. FIELD, COOLING WATER SALT SPRAY, SALINE WATER LEAF INJURY, CHLORIDE UPTAKE
452. DAHIYA, S. S.; SINGH, M. EFFECT OF SALINITY, ALKALINITY AND IRON APPLICATION ON THE AVAILABILITY OF IRON, MANGANESE, PHOSPHORUS AND SODIUM IN PEA (PISUM SATIVUM L.) CROP. PLANT SOIL 44: 697-702. 1976. PEA LEGUMINOSAE: PISUM SATIVUM, GREENHOUSE, SOIL FERTILIZER, IRON, CALCIUM, CARBONATE, SODIUM, BICARBONATE, SULFATE, CHLORIDE, POTASSIUM, MAGNESIUM MINERAL COMPOSITION, IRON UPTAKE, PHOSPHORUS UPTAKE
453. DAITO, H. FUNDAMENTAL INVESTIGATIONS ON THE SALT INJURY TO CITRUS TREES. EHIME UNIV. MEMOIRS, SECT. VI 12: 61-74. 1967. ORANGE RUTACEAE: CITRUS SINENSIS, POT, SOIL SODIUM, CHLORIDE MINERAL COMPOSITION, LEAF INJURY
454. DAM, J. G. C. VAN EXAMINATION OF SOILS AND CROPS AFTER THE INUNDATIONS OF 1ST FEBRUARY, 1953. II. THE INFLUENCE OF SALT ON THE CHIEF VEGETABLE CROPS. NETHERLANDS J. AGRIC. SCI. 3: 1-14. 1955. SPINACH, BEET; KALE; CABBAGE; BRUSSEL SPROUT; CAULIFLOWER; RADISH; CELERIAC; CARROT; CHICORY; LETTUCE, ENDIVE; LEEK; STRAWBERRY; BEAN; POTATO; PURSLANE CHENOPODIACEAE: SPINACIA OLERACEA, BETA VULGARIS; CRUCIFERAE: BRASSICA OLERACEA VAR ACEPHALA, BRASSICA OLERACEA VAR CAPITATA, BRASSICA OLERACEA VAR GEMMIFERA, BRASSICA OLERACEA VAR BOTRYTIS, RAPHANUS SATIVUS; UMBELLIFERAE: APIUM GRAVEOLENS VAR RAPACEUM, DAUCUS CAROTA VAR SATIVA; COMPOSITAE: CICHORIUM INTYBUS, LACTUCA SATIVA, CICHORIUM ENDIVIA; AMARYLLIDACEAE: ALLIUM PORRUM; ROSACEAE: FRAGARIA; LEGUMINOSAE: PHASEOLUS VULGARIS; SOLANACEAE: SOLANUM TUBEROSUM; PORTULACACEAE: PORTULACA. FIELD PLOT, SOIL SEA WATER, SALINE SOIL GERMINATION, LEAF INJURY
455. DAM, J. G. C. VAN ONDERZOEK NAAR DE ZOUTGEVOELIGHEID VAN DE BELANGRIJKSTE VOLLEGRONDS GROENTEGEWASSEN. RESEARCH ON THE SALT SUSCEPTABILITY OF THE PRINCIPLE OUTDOOR VEGETABLE CROPS. (DUT; ENG SUM). NETHERLANDS DIR. VAN DE TUINBOUW, MEDED. 17: 811-820. 1954. SPINACH; BEET; KALE; CABBAGE; BRUSSEL SPROUT; CAULIFLOWER; RADISH; CELERIAC; CARROT; CHICORY; LETTUCE; ENDIVE; LEEK; STRAWBERRY; BEAN; POTATO; PURSLANE CHENOPODIACEAE: SPINACIA OLERACEA, BETA VULGARIS; CRUCIFERAE: BRASSICA OLERACEA VAR ACEPHALA, BRASSICA OLERACEA VAR CAPITATA, BRASSICA OLERACEA VAR GEMMIFERA, BRASSICA OLERACEA VAR BOTRYTIS, RAPHANUS SATIVUS; UMBELLIFERAE: APIUM GRAVEOLENS VAR RAPACEUM, DAUCUS CAROTA VAR SATIVA; COMPOSITAE: CICHORIUM INTYBUS, LACTUCA SATIVA, CICHORIUM ENDIVIA; AMARYLLIDACEAE: ALLIUM PORRUM; ROSACEAE: FRAGARIA; LEGUMINOSAE: PHASEOLUS VULGARIS; SOLANACEAE: SOLANUM TUBEROSUM; PORTULACACEAE: PORTULACA. FIELD PLOT, SOIL SEA WATER, SALINE SOIL GERMINATION, LEAF INJURY
456. DAMIGELLA, F.; TRIBULATO, E.; NICOSIA, O. L. DANNI DA ECCESSO DI SALI IN ALBERI DI ARANCIO IN RELAZIONE AI SISTEMI DI IRRIGAZIONE. DAMAGE FROM EXCESS SALTS IN ORANGE TREES IN RELATION TO VARIOUS IRRIGATION SYSTEMS. (ITA). ANN. PHYTOPATH. 1: 67-74. 1969. ORANGE RUTACEAE: CITRUS SINENSIS, SOIL, FIELD SALINE WATER, IRRIGATION METHOD LEAF INJURY
457. DANBERG, K. S. SALT WATER GARDENING. SEA GRANT 70'S 6: 2-4. 1976. HALOPHYTE: CORDGRASS, SMOOTH; SALTGRASS: CORDGRASS, ORACH SALTMEADOW; PEAR, PRICKLY GRAMINEAE: SPARTINA ALTERNIFLORA, SPARTINA PATENS, DISTICHLIS SPICATA; CHENOPODIACEAE: ATRIPLEX PATULA; CACTACEAE: OPUNTIA HUMIFUSA. SAND, FIELD PLOT, SOIL BRACKISH WATER VEGETATIVE GROWTH
458. DANN, P. R. PASTURES FOR SALT-AFFECTED SOILS IN THE YASS VALLEY. AGRIC. GAZ. NEW S. WALES 81: 447-449. 1970. WHEATGRASS, TALL; ALKALI GRASS GRAMINEAE: AGROPYRON ELONGATUM, PUCCINELLIA. FIELD, SOIL SALINE SOIL VEGETATIVE GROWTH

459. DARGAN, K. S.; ABROL, I. P.; BHUMBLA, D. R. PERFORMANCE OF RICE VARIETIES IN A HIGHLY SALINE SODIC SOIL AS INFLUENCED BY PLANT POPULATION. AGRON. J. 66: 279-280. 1974. RICE GRAMINEAE: ORYZA SATIVA. FIELD. SOIL VARIETY. SALINE SOIL. ALKALI SOIL. PLANT SPACING VEGETATIVE GROWTH
460. DARGAN, K. S.; GAUL, B. L.; ABROL, I. P. GROWING SUGARCANE IN SALINE-ALKALI SOILS. INDIAN FARMING 23. 9-10.19. 1973. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. FIELD. SOIL SALINE SOIL. PLANTING METHOD. MANURE. GYPSUM
461. DAPRA, B. L.; JAIN, N.; SINGH, H. EFFECT OF GROWTH-REGULATORS AND SALTS ON THE GERMINATION OF WHEAT (TRITICUM AESTIVUM L.) UNDER HIGH SALINITY. SODIUM ADSORPTION RATIO AND BORON LEVELS. INDIAN J. AGRIC. SCI. 40: 438-444. 1970. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL SODIUM. MAGNESIUM. CALCIUM. CHLORIDE. BORON. GIBBERELIC ACID. INDOLEACETIC ACID. INDOLEBUTYRIC ACID. POTASSIUM. PHOSPHATE. NAPHTHALENEACETIC ACID GERMINATION
462. DARRA, B. L.; SAXENA, S. N. EFFECT OF PRE-SOAKING SEED TREATMENT WITH INDOLE-ACETIC-ACID ON WHEAT UNDER DIFFERENT SALINITY REGIMES COUPLED WITH SAR AND BORON LEVELS. INDIAN J. AGRIC. RES. 8: 215-220. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. FIELD PLOT. SOIL SODIUM ADSORPTION RATIO. BORON. SEED PRETREATMENT. INDOLEACETIC ACID NITROGEN UPTAKE. MINERAL COMPOSITION
463. DARRA, B. L.; SAXENA, S. N. EFFECT OF THE GIBBERELIC ACID PRESOAKING SEED TREATMENT AT DIFFERENT SALINITY REGIMES ON GERMINATION, GROWTH AND YIELD ATTRIBUTES OF HYBRID MAIZE (GANGA-3). INDIAN J. AGRON. 16. 46-49. 1971. CORN GRAMINEAE: ZEA MAYS. FIELD. SOIL SEED PRETREATMENT. GIBBERELIC ACID. SALINE SOIL GERMINATION. VEGETATIVE GROWTH
464. DAS GUPTA, D. K.; BASU, T. K. EFFECT OF SALT CONCENTRATIONS ON GERMINATION OF RICE SEEDS. INDIAN SCI. CONG. ASSOC. PROC. 57: 553-554. 1970. RICE GRAMINEAE: ORYZA SATIVA. SODIUM. CHLORIDE. SULFATE. BICARBONATE. POTASSIUM. VARIETY GERMINATION
465. DAS GUPTA, D. K.; SINHA, S. K. EFFECTS OF SALTS AND GROWTH SUBSTANCES ON THE GERMINATION OF RICE SEEDS. INDIAN SCI. CONG. ASSOC. PROC. 57: 557-558. 1970. RICE GRAMINEAE: ORYZA SATIVA. SODIUM. CHLORIDE. POTASSIUM. CALCIUM. GIBBERELIC ACID. ACETIC ACID GERMINATION
466. DAS, S. K.; MEHROTRA, C. L. ALKALI TOLERANCE OF IMPORTANT AGRICULTURAL CROPS OF UTTAR PRADESH. INDIAN J. AGRIC. SCI. 42: 540-545. 1972. WHEAT; BARLEY; OATS; CORN; RICE; SORGHUM; PEA; CHICK; LENTIL; COTTON; PEA GRAMINEAE: TRITICUM AESTIVUM. HORDEUM VULGARE. AVENA SATIVA. ZEA MAYS. ORYZA SATIVA. SORGHUM VULGARE; LEGUMINOSAE: Cicer ARIETINUM. LENS CULINARIS. PISUM SATIVUM; MALVACEAE: GOSSYPIMUM. POT. SOIL EXCHANGEABLE SODIUM PERCENTAGE. SODIUM. BICARBONATE GERMINATION. VEGETATIVE GROWTH
467. DAS, S. K.; MEHROTRA, C. L. SALT TOLERANCE OF SOME AGRICULTURAL CROPS DURING EARLY GROWTH STAGES. INDIAN J. AGRIC. SCI. 41: 882-888. 1971. WHEAT; BARLEY; OATS; CORN; RICE; SORGHUM; PEA; CHICK; LENTIL; COTTON; PEA GRAMINEAE: TRITICUM AESTIVUM. HORDEUM VULGARE. AVENA SATIVA. ZEA MAYS. ORYZA SATIVA. SORGHUM VULGARE; LEGUMINOSAE: Cicer ARIETINUM. LENS CULINARIS. PISUM SATIVUM; MALVACEAE: GOSSYPIMUM. POT. SOIL SODIUM. CALCIUM. MAGNESIUM. POTASSIUM. CHLORIDE. SULFATE. NITRATE VEGETATIVE GROWTH. MINERAL COMPOSITION
468. DASSLER, H. G.; BORTITZ, S.; LIESSNER, A. ZUR PHYTOTOXIZITÄT VON AUFTAU-SALZEN. PHYTOTOXICITY OF ROAD DE-ICING SALTS. (GER; ENG SUM). ARCHIV. FÜR. NATURSCHUTZ UND LANDSCHAFTSFORSCHUNG 15: 69-76. 1975. PINE. SCOTS PINACEAE: PINUS SYLVESTRIS. FIELD. SOIL DEICING SALT LEAF INJURY. CHLORIDE UPTAKE
469. DATTA, S. K. A STUDY OF SALT TOLERANCE OF TWELVE VARIETIES OF RICE. CURR. SCI. 41: 456-457. 1972. RICE GRAMINEAE: ORYZA SATIVA. GREENHOUSE. SOIL. POT VARIETY. SODIUM. CHLORIDE GRAIN YIELD. STRAW YIELD. VEGETATIVE GROWTH
470. DATTA, S. K.; SOM, J. NOTE ON THE EFFECT OF SALINITY ON THE STRUCTURAL CHANGES IN THE STEM OF RICE VARIETIES. INDIAN J. AGRIC. SCI. 43: 614-617. 1973. RICE GRAMINEAE: ORYZA SATIVA. POT. GREENHOUSE. SOIL SODIUM. CHLORIDE. VARIETY ANATOMICAL RESPONSE

471. DAVIDSON, H. PINE MORTALITY ALONG MICHIGAN HIGHWAYS. HORT. SCI. 5: 12-13. 1970. PINE, AUSTRIAN; PINE, WHITE; PINE, SCOTS; PINE, RED. PINACEAE: PINUS RESINOSA, PINUS STROBUS, PINUS SYLVESTRIS, PINUS NIGRA. FIELD, SOIL. CALCIUM, CHLORIDE, DEICING SALT. LEAF INJURY.
472. DAVIS, J. S.; TOMLINSON, P. B. A NEW SPECIES OF RUPPIA IN HIGH SALINITY IN WESTERN AUSTRALIA. J. ARNOLD ARBOR HARV. UNIV. 55: 59-66. 1974. RUPPIACEAE: RUPPIA TUBEROSA. FIELD, SOIL. SEA WATER. MORPHOLOGY, SALT TOLERANCE.
473. DAVISON, A. W. THE EFFECTS OF DE-ICING SALT ON ROADSIDE VERGES. J. APPL. ECOL. 8: 555-561. 1971. RYEGRASS, PERENNIAL; FESCUE, RED; BLUEGRASS, KENTUCKY; DOGTAIL; BLUEGRASS, ANNUAL; CLOVER, WHITE; DANDELION, COMMON; PLANTAIN, COMMON. GRAMINEAE: LOLIUM PERENNE, FESTUCA RUBRA, POA PRATENSIS, CYNOSURUS CRISTATUS, POA ANNUA; LEGUMINOSAE: TRIFOLIUM REPENS; COMPOSITAE: TARAXACUM OFFICINALE; PLANTAGINACEAE: PLANTAGO MAJOR. FIELD, SOIL. DEICING SALT, SODIUM, CHLORIDE, MAGNESIUM. MINERAL COMPOSITION, VEGETATIVE GROWTH.
474. DAY, A. D.; TURNER, F. JR.; KIRKPATRICK, R. M. GROWING BARLEY (HORDEUM VULGARE L.) ON BEDS IN SALINE SOIL. AGRON. J. 63: 768-769. 1971. BARLEY. GRAMINEAE: HORDEUM VULGARE. FIELD, SOIL. PLANTING METHOD, SALINE WATER. GRAIN YIELD.
475. DE FORGES, J. M. RESEARCH ON THE UTILIZATION OF SALINE WATER FOR IRRIGATION IN TUNISIA. NATURE RESOURCES 6: 2-6. 1970. ALFALFA; CLOVER. BERSEEM; PIMENTO; BEAN; ARTICHOKE; RYEGRASS; WATERMELON; SUDAN GRASS; CORN; TOMATO. LEGUMINOSAE: MEDICAGO SATIVA, TRIFOLIUM ALEXANDRINUM, PHASEOLUS VULGARIS; MYRTACEAE: PIMENTA DIOICA; GRAMINEAE: LOLIUM, SORGHUM SUDANENSE, ZEA MAYS; SOLANACEAE: LYCOPERSICON ESCULENTUM; CUCURBITACEAE: CITRULLUS VULGARIS; COMPOSITAE: CYNARA SCOLYMUS.
476. DE LA CRUZ, R.; SMITH, W. H. THE EFFECT OF OSMOTIC STRESS ON GERMINATION OF SLASH PINE SEEDS. SOIL CROP SCI. SOC. FLA. PROC. 30: 327-331. 1970. PINACEAE: PINUS ELLIOTTII. GERMINATION DISHS. POLYETHYLENE GLYCOL, MANNITOL. GERMINATION, RESPIRATION.
477. DE LA ROCHA GARCIA, G.; COSIO, D. F. TOLERANCIA DE LAS DIVERSAS ESPECIES FRUTALES AL CONTENIDO DE SAL EN EL SUELO. TOLERANCE OF VARIOUS KINDS OF FRUIT TREES TO THE SALT CONTENT OF THE SOIL. (SPA). BOLN. TRIM. EXPT. AGROPEC. 7: 15-19. 1959. AVOCADO; OLIVE; PRUNE; ORANGE; LEMON; APPLE; GRAPE. RUTACEAE: CITRUS LIMON, CITRUS RETICULATA, CITRUS SINENSIS; OLEACEAE: OLEA EUROPAEA; LAURACEAE: PERSEA AMERICANA; ROSACEAE: PRUNUS DOMESTICA, MALUS SYLVESTRIS; VITACEAE: VITIS. SODIUM, CHLORIDE. LEAF INJURY, SALT TOLERANCE.
478. DE PERALTA, F. INFLUENCE UPON THE DEVELOPMENT OF YOUNG RICE PLANTS OF SODIUM CHLORIDE ADDED TO A COMPLETE SOLUTION. PHILIPPINE AGRIC. 15: 471-479. 1927. RICE. GRAMINEAE: ORYZA SATIVA. POT. WATER CULTURE. SODIUM, CHLORIDE. VEGETATIVE GROWTH.
479. DEAL, E. E.; ENGEL, R. E. IRON, MANGANESE, BORON, AND ZINC: EFFECTS ON GROWTH OF MERION KENTUCKY BLUEGRASS. AGRON. J. 57: 553-555. 1965. BLUEGRASS, KENTUCKY. GRAMINEAE: POA PRATENSIS. POT. GREENHOUSE, SOIL. BORON, FERTILITY. ROOT GROWTH, VEGETATIVE GROWTH.
480. DEARBORN, C. H. EFFECTS OF WEED CONTROL SPRAYS OF SODIUM CHLORIDE AND SODIUM CHLORIDE PLUS SODIUM NITRATE ON THE STAND YIELD OF CANNING BEETS. AMER. SOC. HORT. SCI. PROC. 56: 275-278. 1950. BEET. CHENOPODIACEAE: BETA VULGARIS. SOIL, FIELD PLOT. SODIUM, CHLORIDE, NITRATE. VEGETATIVE GROWTH.
481. DECOUX, L.; SIMON, M. LES PROBLEMES POSES A L'AGRICULTURE BELGE PAR LES INONDATIONS A L'EAU SAUMATRE EN 1944. PROBLEMS IMPOSED ON BELGIAN AGRICULTURE BY INUNDATIONS OF SALTY WATER IN 1944. (FRE; ENG SUM). PUBLICATIONS INST. BELGE AMELIORATION BETTERAVE TIRLEMONT (BELGIUM): 112-185. 1945. BEET, SUGAR; PEA; CORN; RAPE; OATS. CHENOPODIACEAE: BETA VULGARIS; LEGUMINOSAE: PISUM SATIVUM; GRAMINEAE: AVENA SATIVA, ZEA MAYS; CRUCIFERAE: BRASSICA NAPUS. POT. FIELD, SOIL. SODIUM, CHLORIDE, SEA WATER. LEAF INJURY, VEGETATIVE GROWTH.
482. DEL VALLE, C. G.; BABE, E. TOLERANCIA DEL ARROZ AL CLOPURO DE SODIO EN CULTIVOS DE ANIEGO. SODIUM CHLORIDE TOLERANCE OF INUNDATED RICE. (SPA). ESTAC. EXPT. AGRON. HABANA BULL. 66: 1-16. 1947. RICE. GRAMINEAE: ORYZA SATIVA.

POT. SOIL SODIUM, CHLORIDE FLOWERING, TOXICITY, GRAIN YIELD, SODIUM UPTAKE, CHLORIDE UPTAKE, LEAF INJURY

483. DELMAS, J.; GRAUBY, A.; GLEIZES, C. INCIDENCE DE LA SALINITE SUR LES CULTURES IRRIGUEES. EFFECTS OF SALINITY ON IRRIGATED CROPS. (FRE: ENG SUM). HOUILL BLANC 4/5: 301-307. 1974. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. WATER CULTURE SODIUM, CHLORIDE, OSMOTIC PRESSURE, GROWTH STAGE VEGETATIVE GROWTH
484. DEMIDENKO, T. T.; MARTYNOV, N. P. EFFECT OF THE OSMOTIC PRESSURE OF THE SOIL SOLUTION ON THE YIELD AND COMPOSITION OF SUGAR BEETS. COMPT. REND. ACAD. SCI. URSS 15: 371-374. 1937. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. SOIL SODIUM, POTASSIUM, CALCIUM, CHLORIDE, SULFATE, OSMOTIC PRESSURE BEET YIELD, SUGAR YIELD
485. DEO, R.; BASER, B. L.; RUHAL, D. V. S. EFFECT OF SODIUM SALTS ON THE GROWTH AND MINERAL COMPOSITION OF BAURA (Pennisetum typhoides). ANN. ARID ZONE 7: 100-104. 1968. MILLET, PEARL GRAMINEAE: PENNISETUM TYPHOIDES. SOIL, POT SODIUM, CHLORIDE, BICARBONATE, CARBONATE, SULFATE MINERAL COMPOSITION, VEGETATIVE GROWTH
486. DEO, R.; KANWAR, J. S. EFFECT OF SALINE IRRIGATION WATERS ON GROWTH AND CHEMICAL COMPOSITION OF WHEAT. J. INDIAN SOC. SOIL SCI. 16: 365-370. 1969. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL, POT CALCIUM, SODIUM, MAGNESIUM, POTASSIUM, CHLORIDE, SODIUM ADSORPTION RATIO MINERAL COMPOSITION
487. DEPARTMENT OF AGRICULTURE OF WESTERN AUSTRALIA. SALINITY INVESTIGATIONS. REPT. DEPT. AGRIC. WEST. AUST.: 36-38. 111. 1961. BLUEBUSH: SALTBUSH: ALKALI GRASS: PANIC GRASS: WHEATGRASS: ORANGE CHENOPODIACEAE: KOCHIA BREVIFOLIA. ATRIPLEX NUMMULARIA, ATRIPLEX SEMIBACCATA, ATRIPLEX CINEREA; PUTACEAE: CITRUS SINENSIS; GRAMINEAE: PUCCINELLIA, PASPALUM VAGINATUM, PANICUM COLORATUM, AGROPYRON ELONGATUM; AIZOACEAE: CALENIA SECUNDA. GREENHOUSE SODIUM, CHLORIDE CHLORIDE UPTAKE, VEGETATIVE GROWTH
488. DEPARTMENT OF AGRICULTURE OF WESTERN AUSTRALIA. SALT TOLERANT PERENNIAL PLANTS. REPT. DEPT. AGRIC. WEST. AUST.: 31 PP. 1959. APPLE: BLUEBUSH: SALTBUSH, TRAILING; SALTBUSH, OLD MAN CHENOPODIACEAE: KOCHIA BREVIFOLIA, ATRIPLEX SEMIBACCATA, ATRIPLEX NUMMULARIA; ROSACEAE: MALUS SYLVESTRIS.
489. DESAI, A. D.; RAO, T. S.; HIREKERUR, L. R. EFFECT OF SALINE WATERS ON GROWTH AND YIELD OF RICE. J. INDIAN SOC. SOIL SCI. 5: 13-16. 1957. RICE GRAMINEAE: ORYZA SATIVA. POT, SOIL SODIUM, CHLORIDE GRAIN YIELD, STRAW YIELD, VEGETATIVE GROWTH
490. DEV, G.; BAJWA, M. S. STUDIES ON SALT TOLERANCE OF SUGARCANE. INDIAN SUGAR (CALCUTTA) 22: 723-726. 1972. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. SOIL, POT SODIUM, CHLORIDE, BICARBONATE, SULFATE, VARIETY VEGETATIVE GROWTH, GERMINATION, SUGAR YIELD
491. DEVIYATOV, A. S. CHANGES WITH AGE IN THE SALT TOLERANCE OF FRUIT CROPS. (RUS). AGROBIOLOGIYA 3: 383-387. 1962. APPLE ROSACEAE: MALUS SYLVESTRIS. SOIL, FIELD SALINE SOIL, VARIETY SALT TOLERANCE
492. DEVIYATOV, A. S. ONTOLOGICAL VARIABILITY OF SALT TOLERANCE IN WOODY PLANTS. (RUS; ENG SUM). BOT. ZHUR. (MOSKVA) 46: 39-50. 1961. APPLE ROSACEAE: MALUS SYLVESTRIS. FIELD, SOIL SALINE SOIL LEAF INJURY, TOXICITY
493. DEWEY, D. R. BREEDING CRESTED WHEATGRASS FOR SALT TOLERANCE. CROP SCI. 2: 403-407. 1962. WHEATGRASS, CRESTED GRAMINEAE: AGROPYRON DESERTORUM. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, VARIETY VEGETATIVE GROWTH, GENETIC INTERACTION
494. DEWEY, D. R. GERMINATION OF CRESTED WHEATGRASS IN SALINIZED SOIL. AGRON. J. 54: 353-355. 1962. WHEATGRASS, CRESTED GRAMINEAE: AGROPYRON DESERTORUM. GERMINATION DISHES, SOIL SODIUM, CALCIUM, CHLORIDE, VARIETY GERMINATION
495. DEWEY, D. R. SALT TOLERANCE OF 25 STRAINS OF AGROPYRON. AGRON. J. 52: 631-635. 1960. WHEATGRASS GRAMINEAE: AGROPYRON. GERMINATION DISHES, SOIL, FIELD PLOT VARIETY, SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, GERMINATION

496. DHIR, R. P.; KOLARKAR, A. S.; BHOLA, S. N. USE OF SALINE WATER IN AGRICULTURE. PART 2. CROP GROWTH AND RESPONSE TO FERTILIZER APPLICATION UNDER SALINE WATER USE ON CULTIVATORS FIELDS. ANN. ARID ZONE 14: 277-284. 1975. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL NITRATE. SALINE WATER. SALINE SOIL VEGETATIVE GROWTH
497. DI GIORGI, M. C.; FICHERA, P.; TROPEA, M. NUOVI ORIENTAMENTI SULL'UTILIZZAZIONE DELLE ACQUE SALINE: II. L'INFLUENZA DEL RAPPORTO POTASSIO-SODIO SU COLTURE SALINO-SENSIBILI (PISUM SATIVUM L.). RECENT INVESTIGATIONS ON THE UTILIZATION OF SALINE WATERS. 2. THE EFFECT OF POTASSIUM SODIUM RATIO ON A SALT SUSCEPTIBLE CROP (PISUM SATIVUM). (ITA). AGROCHIMICA 10: 83-91. 1965. PEA LEGUMINOSAE: PISUM SATIVUM. POT. SOIL SODIUM. POTASSIUM. CALCIUM. MAGNESIUM. CHLORIDE. SODIUM ADSORPTION RATIO. CLIMATE MINERAL COMPOSITION
498. DI GIORGI, M. C.; FICHERA, P.; TROPEA, M. NUOVI ORIENTAMENTI SULL'UTILIZZAZIONE DELLE ACQUE SALINE: III. L'INFLUENZA DEL RAPPORTO POTASSIO-SODIO SU COLTURE SALINO-SENSIBILI (CITRUS AURANTIUM L.). RECENT INVESTIGATIONS ON THE UTILIZATION OF SALINE WATER: III. THE INFLUENCE OF THE POTASSIUM-SODIUM RELATIONSHIP ON A SALINE-SENSITIVE CULTURE (CITRUS AURANTIUM). (ITA). AGROCHIMICA 11: 167-175. 1967. ORANGE. SOUR RUTACEAE: CITRUS AURANTIUM. POT. SOIL SODIUM. POTASSIUM. CALCIUM. MAGNESIUM. SODIUM ADSORPTION RATIO VEGETATIVE GROWTH. MINERAL COMPOSITION
499. DIATLOFF, A. RELATIONSHIP OF SOIL MOISTURE, TEMPERATURE AND ALKALINITY TO A SOYBEAN NODULATION FAILURE. QUEENSLAND J. AGRIC. ANIM. SCI. 27: 279-293. 1970. SOYBEAN LEGUMINOSAE: GLYCINE MAX. SOIL. FIELD PLOT RHIZOBIUM. ALKALINE SOIL. TEMPERATURE. SOIL MOISTURE NODULATION
500. DILLEY, D. R.; KENWORTHY, A. L.; BENNE, E. J.; BASS, S. T. GROWTH AND NUTRIENT ABSORPTION OF APPLE, CHERRY, PEACH AND GRAPE PLANTS AS INFLUENCED BY VARIOUS LEVELS OF CHLORIDE AND SULFATE. AMER. SOC. HORT. SCI. PROC. 72: 64-73. 1958. APPLE: CHERRY: PEACH: GRAPE ROSACEAE: MALUS SYLVESTRIS. PRUNUS CERASUS. PRUNUS PERSICA: VITACEAE: VITIS LABRUSCA. POT. GREENHOUSE. SAND CHLORIDE. SULFATE VEGETATIVE GROWTH. ROOT GROWTH. MINERAL COMPOSITION
501. DIMITRI, L. UNTERSUCHUNGEN UBER DIE SALZVERTRAGLICHKEIT VERSCHIEDENER PAPEL UND WEIDENARTEN SOWIE-KLONE UNTER LABOR UND FREILANDBEDINGUNGEN. THE SALT TOLERANCE OF VARIOUS POPLAR AND WILLOW SPECIES AND CLONES IN THE LABORATORY AND FIELD. (GER; ENG SUM). EUR. J. PATH. 3: 24-38. 1973. POPLAR: WILLOW SALICACEAE: POPULUS. SALIX. FIELD. SOIL. WATER CULTURE SODIUM. CHLORIDE ANATOMICAL RESPONSE. LEAF INJURY
502. DIRR, M. A. EFFECTS OF SALTS AND APPLICATION METHODS ON ENGLISH IVY. HORT. SCI. 10: 182-184. 1975. IVY. ENGLISH ARALIACEAE: HEDERA HELIX. POT. SOIL SODIUM. POTASSIUM. CALCIUM. CHLORIDE. SULFATE. FOLIAR SPRAY. IMMERSION VEGETATIVE GROWTH. ROOT GROWTH. SODIUM UPTAKE. CHLORIDE UPTAKE
503. DIRR, M. A. SELECTION OF TREES FOR TOLERANCE TO SALT INJURY. J. ARBORIC. 2: 209-216. 1976. TREE SALT TOLERANCE
504. DIRR, M. A. TOLERANCE OF HONEY LOCUST SEEDLINGS TO SOIL-APPLIED SALTS. HORT. SCI. 9: 53-54. 1974. LOCUST, HONEY LEGUMINOSAE: GLEDITSIA TRIACANTHOS. POT. SOIL SODIUM. POTASSIUM. CHLORIDE. SULFATE VEGETATIVE GROWTH. ROOT GROWTH. CHLORIDE UPTAKE. SODIUM UPTAKE
505. DODD, J. P.; COUPLAND, R. J. VEGETATION OF SALINE AREAS IN SASKATCHEWAN. ECOLOGY 47: 958-967. 1966. NATIVE VEGETATION GRAMINEAE: PUCCINELLIA AIROIDES. DISTICHLIS STRICTA. HORDEUM JUBATUM. MUHLENBERGIA RICHARDSONIS. AGROPYRON: CHENOPODIACEAE: SALICORNIA RUBRA. SARCOBATUS VERMICULATUS: CYPERACEAE: SCIRPUS PALUDOSUS. JUNCAGINACEAE: TRIGLOCHIN MARITIMA. FIELD SALINE SOIL SALT TOLERANCE
506. DONOVAN, T. J.; DAY, A. D. SOME EFFECTS OF HIGH SALINITY ON GERMINATION AND EMERGENCE OF BARLEY (HORDEUM VULGARE L. EMEND LAM.). AGRON J. 61: 236-238. 1969. BARLEY GRAMINEAE: HORDEUM VULGARE. GERMINATION DISHES. SOIL. POT VARIETY. SODIUM. CHLORIDE. CALCIUM GERMINATION
507. DORSMAN, C. SCHADE AAN TUINBOUWGEWASSEN TEN GEVOLGE VAN INUNDATIE MET ZEEWATER. DAMAGE ON HORTICULTURAL CROPS CAUSED BY INUNDATION FROM SEA WATER. (DUT; ENG SUM). TIJDSCHRIFT VOOR PLANTENZIEKTEN 53: 65-86. 1947. VEGETABLE: FRUIT TREE FIELD SEA WATER. SALINE SOIL SALT TOLERANCE

508. DORSMAN, C.; WATTEL, M. DE INUNDATIES GEDURENDE 1944-1945 EN HUN GEVOLGEN VOOR DE LANDBOUW. VII. ZOUTSCHADE BIJ
TUINBOUWGEWASSEN. THE INUNDATIONS OF 1944-1945 IN THE NETHERLANDS AND THEIR EFFECT ON AGRICULTURE. 7. DAMAGE TO
HORTICULTURAL CROPS. (DUT: ENG SUM). VERSL. LANDBOUWK. ONDERZ 57.8: 1-55. 1951. FRUIT TREE; GOOSEBERRY.
VEGETABLE SAXIFRAGACEAE; RIBES. SOIL. FIELD SODIUM. MAGNESIUM. CHLORIDE. SEA WATER. GYPSUM. CALCIUM
VEGETATIVE GROWTH. LEAF INJURY
509. DOSTANOVA, R. KH. EFFECT OF SODIUM SULFATE AND SODIUM CHLORIDE ON THE METABOLISM OF PLASTID PIGMENTS IN PLANTS.
SOVIET PLANT PHYSIOL. 13: 554-561. 1966. CABBAGE CRUCIFERAE; BRASSICA OLERACEA VAR CAPITATA. GREENHOUSE.
POT. SAND SODIUM. CHLORIDE. SULFATE CHLOROPHYLL. CAROTENOIDS. CAROTENE. LUTEIN. VIOLAXANTHIN
510. DOTZENKO, A. D.; DEAN, J. G. GERMINATION OF SIX ALFALFA VARIETIES AT THREE LEVELS OF OSMOTIC PRESSURE. AGRON. J. 51:
308-309. 1959. ALFALFA LEGUMINOSAE; MEDICAGO SATIVA. WATER CULTURE. GERMINATION DISHES. GROWTH CHAMBER
VARIETY. OSMOTIC PRESSURE. MANNITOL GERMINATION
511. DOTZENKO, A. D.; HAUS, T. E. SELECTION OF ALFALFA LINES FOR THEIR ABILITY TO GERMINATE UNDER HIGH OSMOTIC PRESSURE.
AGRON. J. 52: 200-201. 1960. ALFALFA LEGUMINOSAE; MEDICAGO SATIVA. GROWTH CHAMBER. GERMINATION DISHES. WATER
CULTURE OSMOTIC PRESSURE. VARIETY. MANNITOL GERMINATION
512. DOUGHTY, J. L.; STALWICK, A. E. THE EFFECT OF ALKALI SALTS ON PLANT GROWTH. SCI. AGRIC. 20: 272-276. 1940.
ALFALFA; OATS; WHEAT LEGUMINOSAE; MEDICAGO SATIVA; GRAMINEAE; AVENA SATIVA. TRITICUM AESTIVUM. GREENHOUSE.
SOIL. POT ALKALI SOIL SALINE SOIL GRAIN YIELD. STRAW YIELD
513. DOWNTON, W. J. S. PHOTOSYNTHESIS IN SALT STRESSED GRAPEVINES. AUST. J. PLANT PHYSIOL. 4: 183-192. 1977. GRAPE
VITACEAE; VITIS VINIFERA. SAND. GREENHOUSE SODIUM. CHLORIDE VEGETATIVE GROWTH. SODIUM UPTAKE. CHLORIDE
UPTAKE. PHOTOSYNTHESIS. SUCROSE. STARCH. SUGAR
514. DOWNTON, W. J. S. PHOTOSYNTHETIC RESPONSES OF PLANTS IN SALINE ENVIRONMENTS. PROC. WORKSHOP ON SALT EFFECTS ON PLANT
STRUCTURES AND PROCESSES. RIVERSIDE, CALIF. APRIL 1976: 71-78. 1976. HALOPHYTE; COTTON; BEAN; GRAPE GRAMINEAE;
AELUROPUS LITTORALIS. SPARTINA ANGLICA; CHENOPODIACEAE; ATRIPLEX HALIMUS; VITACEAE; VITIS VINIFERA; MALVACEAE;
GOSSYPIUM; LEGUMINOSAE; PHASEOLUS VULGARIS. PHOTOSYNTHESIS
515. DOWNTON, W. J. S.; TOROLFALVY, E. EFFECT OF SODIUM CHLORIDE ON PHOTOSYNTHESIS OF AELUROPUS LITTORALIS, A HALOPHYTIC
GRASS. Z. PFLANZENPHYSIOL. 75: 143-150. 1975. GRAMINEAE; AELUROPUS LITTORALIS. SAND CULTURE. GREENHOUSE
SODIUM. CHLORIDE PHOTOSYNTHESIS. CHLORIDE UPTAKE. SODIUM UPTAKE
516. DRAGE, C. M. CONSULTANTS CORNER -- SALINE SOILS. GROUNDS MAINTENANCE (JUNE): 41, 43, 47. 1968. LEAF INJURY
517. DRAHAN, N. A. REACTION OF GRAPEVINE TO HIGH ALKALINITY OF SOIL. (UKR). VISN. SIL'S'KOHOSPOD NAUKI 2: 26-29. 1976.
GRAPE VITACEAE; VITIS. SOIL CARBONATE. BICARBONATE VEGETATIVE GROWTH
518. DREGNE, H. E. EFFECTS OF VARIOUS SALTS ON BARLEY GROWTH. NEW MEX. AGRIC. EXPT. STA. RES. REPT. 62: 6 PP. 1962.
BARLEY GRAMINEAE; HORDEUM VULGARE. SOIL. POT SODIUM. MAGNESIUM. POTASSIUM. CARBONATE. CHLORIDE. FERTILITY
STRAW YIELD. GRAIN YIELD
519. DREGNE, H. E. PLANT RESPONSE TO FERTILIZERS ON A SALINE SOIL. NEW MEX. AGRIC. EXPT. STA. RES. REPT. 94: 5 PP. 1964.
BARLEY; COTTON; BEAN. PINTO GRAMINEAE; HORDEUM VULGARE; MALVACEAE; GOSSYPIUM; LEGUMINOSAE; PHASEOLUS VULGARIS.
GREENHOUSE. SOIL. POT SODIUM. CHLORIDE. CALCIUM. FERTILITY VEGETATIVE GROWTH
520. DREGNE, H. E.; MOJALLALI, H. SALT-FERTILIZER-SPECIFIC ION INTERACTIONS IN SOIL. NEW MEX. AGRIC. EXPT. STA. BULL.
541: 16 PP. 1969. BARLEY GRAMINEAE; HORDEUM VULGARE. GREENHOUSE. SOIL. POT SODIUM. POTASSIUM. CHLORIDE.
FERTILITY GRAIN YIELD. MINERAL COMPOSITION. NITROGEN UPTAKE. CHLORIDE UPTAKE. PHOSPHORUS UPTAKE
521. DREIER, W.; GOERING, H. DER EINFLUSS HOHER SALZKONZENTRATIONEN AUF VERSCHIEDENE PHYSIOLOGISCHE PARAMETER VON MAISWUR

- ZELN THE INFLUENCE OF HIGH SALT CONCENTRATIONS ON VARIOUS PHYSIOLOGICAL PARAMETERS OF MAIZE ROOTS. (GER; ENG SUM). WISS. Z. HUMBOLDT UNIV. BERL. MATH NATURWISS REIHE. 23: 641-644. 1974. CORN GRAMINEAE: ZEA MAYS. SODIUM, CHLORIDE WATER POTENTIAL, SUGAR
522. DUBETZ. S. THE EFFECT OF FERTILIZERS AND OSMOTIC PRESSURE ON GERMINATION. AMER. SOC. SUGAR BEET TECHNOL. J. 10: 212-219. 1958. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. GREENHOUSE, SOIL, POT, GROWTH CHAMBER, SAND, GERMINATION DISHES FERTILITY, MANNITOL GERMINATION
523. DUBETZ. S.; SMITH. R. L.; RUSSELL. G. C. THE EFFECT OF FERTILIZER AND OSMOTIC PRESSURE ON GERMINATION. CAN. J. SOIL SCI. 39: 157-164. 1959. CORN: BEAN: BEET, SUGAR GRAMINEAE: ZEA MAYS; LEGUMINOSAE: PHASEOLUS VULGARIS; CHENOPODIACEAE: BETA VULGARIS. GREENHOUSE, SOIL, POT, GERMINATION DISHES, SAND, GROWTH CHAMBER FERTILITY, MANNITOL GERMINATION
524. DUBOVIK. IA. F. SALT RESISTANCE OF PLANTS ON SALINE SOILS. (RUS). BOT. ZHUR. 36: 67-69. 1951. NATIVE VEGETATION COMPOSITAE: KARELINIA CASPICA, ARTEMISIA DRACUNCULUS, INULA; CHENOPODIACEAE: FANDERIA TURKESTANICA, SUAEDA ACUMINATA, KALIDIUM; GRAMINEAE: CYNODON DACTYLON. FIELD SALINE SOIL SALT TOLERANCE, MINERAL COMPOSITION, ECOLOGY
525. DUDECK. A. E. RESPONSE OF INLAND SALTGRASS, DISTICHLIS STRICTA (TORR.) RDB. TO SODIUM CHLORIDE AND CLIPPING. ESTABLISHMENT AND USE OF TURF AND OTHER GROUND COVERS. NEBRASKA DEPT. ROADS, RESEARCH STUDY 64-1: 50-60. 1971. SALTGRASS GRAMINEAE: DISTICHLIS STRICTA. GRAVEL, GREENHOUSE SODIUM, CHLORIDE, CLIPPING SODIUM UPTAKE, CHLORIDE UPTAKE, VEGETATIVE GROWTH
526. DUDECK. A. E. SALT TOLERANCE OF SALTGRASS, DISTICHLIS STRICTA (TORR.) RYEB. NEBRASKA DEPT. ROADS, HIGHWAY RES. PROJ. 1 STUDY 64-1: 15 PP. 1970. SALTGRASS GRAMINEAE: DISTICHLIS STRICTA. SODIUM, CHLORIDE SALT TOLERANCE
527. DUDECK. A. E. SALTGRASS FOR ROADSIDES? NEBRASKA QUARTERLY 15: 24-25. 1969. SALTGRASS GRAMINEAE: DISTICHLIS STRICTA. DEICING SALT
528. DUMBROFF. E. B.; COOPER. A. W. EFFECTS OF SALT STRESS APPLIED IN BALANCED NUTRIENT SOLUTIONS AT SEVERAL STAGES DURING GROWTH OF TOMATO. BOT. GAZ. 135: 219-224. 1974. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. WATER CULTURE, GREENHOUSE OSMOTIC STRESS VEGETATIVE GROWTH, SEEDLING GROWTH, WATER POTENTIAL, OSMOTIC POTENTIAL
529. DUNKLE. E. C.; MERKLE. F. G. THE CONDUCTIVITY OF SOIL EXTRACTS IN RELATION TO GERMINATION AND GROWTH OF CERTAIN PLANTS. SOIL SCI. SOC. AMER. PROC. 9: 185-188. 1943. CORN: SOYBEAN: POTATO: CUCUMBER: CABBAGE: RADISH GRAMINEAE: ZEA MAYS; LEGUMINOSAE: GLYCINE MAX; SOLANACEAE: SOLANUM TUBEROSUM; CUCURBITACEAE: CUCUMIS SATIVUS; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA, RAPHANUS SATIVUS. GREENHOUSE, POT, SOIL FERTILITY GERMINATION, VEGETATIVE GROWTH
530. DUPONT. G. ACTION EXERCÉE PAR LES CHLORURES SUR LES PLANTES ET SUR LES SLS. THE ACTION OF CHLORIDE ON PLANTS AND SOILS. (FRE). ANNU. SCI. AGRON. FRANÇAISES ET ÉTRANGÈRES. (PARIS). ÉDITIONS BERGER-LEVRAULT: 369-391. 1924. WHEAT: FLAX: MUSTARD: LUPINE: VETCH: BUCKWHEAT POLYGONACEAE: FAGOPYRUM ESCULENTUM; LINACEAE: LINUM USITATISSIMUM; GRAMINEAE: TRITICUM AESTIVUM; CRUCIFERAE: BRASSICA; LEGUMINOSAE: LUPINUS, VICIA. POT, SOIL, GERMINATION DISHES SODIUM, CALCIUM, CHLORIDE, POTASSIUM, CARBONATE GERMINATION, VEGETATIVE GROWTH, TRANSPIRATION
531. DURAND. V. ACTION DU CHLORURE DE SODIUM SUR LA FACULTE ET L'ÉNERGIE GERMINATIVES DES GRAINES DE RIZ IMMERGES. EFFECT OF SODIUM CHLORIDE ON THE GERMINATION OF RICE. (FRE). SOC. BIOL. COMPT. REND. 148: 123-125. 1953. RICE GRAMINEAE: ORYZA SATIVA. SODIUM, CHLORIDE, CALCIUM, SULFATE GERMINATION
532. DURRANT. M. J.; DRAYCOTT. A. P.; PAYNE. P. A. SOME EFFECTS OF SODIUM CHLORIDE ON GERMINATION AND SEEDLING GROWTH OF SUGAR BEETS. ANN. BOT. 38: 1045-1051. 1974. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. GERMINATION DISHES SODIUM, CHLORIDE, SEED PRETREATMENT GERMINATION, SEEDLING GROWTH

533. DUTT, S. K. LEAF WATER POTENTIAL OF WHEAT AND BARLEY AND ITS RELATION TO SOIL SALINITY AND ALKALINITY. BIOL. PLANT. 18: 299-300. 1976. WHEAT: BARLEY GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE. SOIL SALINE SOIL, ALKALINE SOIL LEAF WATER POTENTIAL
534. DZHUMAEVA, I. M.; RAIMDZHANOVA, M. R. TOXIC CONCENTRATIONS OF SALTS OF SOIL SOLUTIONS AND THE EFFECT OF VARYING DOSAGES OF MINERAL FERTILIZERS ON IRRIGATED COTTON CROPS IN SALINE SOILS. (RUS). AGROKIMIYA 12: 93-100. 1972. COTTON MALVACEAE: GOSSYPIMUM. FIELD PLOT, SOIL SALINE SOIL, SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, TOXICITY, LEAF INJURY
535. EATON, F. M. BORON IN SOILS AND IRRIGATION WATERS AND ITS EFFECTS ON PLANTS WITH PARTICULAR REFERENCE TO THE SAN JOAQUIN VALLEY OF CALIFORNIA. USDA TECH. BULL. 448: 131 PP. 1935. BORON LEAF INJURY, BORON TOLERANCE
536. EATON, F. M. DEFICIENCY, TOXICITY, AND ACCUMULATION OF BORON IN PLANTS. J. AGRIC. RES. 69: 237-277. 1944. BLACKBERRY; LEMON; ELM; CHERRY; PEACH; PERSIMMON; FIG; STRAWBERRY; LUPIBE; VIOLET; PANSY; BEAN, KIDNEY; COWPEA; ARTICHOKE, JERUSALEM LARKSPUR; BARLEY; BEAN, LIMA; ONION; CARROT; PEPPER, RED; BLUEGRASS, KENTUCKY; CORN; POTATO; CABBAGE; SORGHUM; CALENDULA; RADISH; OATS; CELERY; MUSTARD; PARSLEY; ALFALFA; LETTUCE; TOBACCO; VETCH; TOMATO; POPPY, CALIFORNIA; TURNIP; BEET; BEET, LEAF; MUSKMELON; CLOVER, SWEET; TEA, SWEET; BEET, SUGAR; OXALIS; COTTON; ARTICHOKE; ASPARAGUS; ZINNIA; PEA ROSACEAE; RUBUS, PRUNUS AVIUM, PRUNUS PERSICA, FRAGARIA; CUCURBITACEAE; CUCUMIS MELO; RUTACEAE; CITRUS LIMONIA; CRUCIFERAE; BRASSICA OLERACEA, RAPHANUS SATIVUS, BRASSICA RAPA, BRASSICA; EBENACEAE; DIOSPYROS KAKI; SOLANACEAE; CAPSICUM FRUTESCENS, SOLANUM TUBEROSUM, NICOTIANA GLOMERATA, LYCOPERSICON ESCULENTUM; MORACEAE; FICUS CARICA; ULMACEAE; ULMUS AMERICANA; LEGUMINOSAE; LUPINUS HARTWIGII, PHASEOLUS VULGARIS, VIGNA SINENSIS, PISUM SATIVUM, PHASEOLUS LUNATUS, MEDICAGO SATIVA, VICIA ATROFURPUREA, MELILLOTUS INDICA, LATHYRUS ODORATUS; VITACEAE; VITIS; LILIACEAE; ASPARAGUS OFFICINALIS; VIOLACEAE; VIOLA ODORATA, VIOLA TRICOLOR; MALVACEAE; GOSSYPIMUM HIRSUTUM; COMPOSITAE; HELIANTHUS TUBEROSUS, ZINNIA ELEGANS, CALENDULA OFFICINALIS, LACTUCA SATIVA, CYNARA SCOLYMUS; GRAMINEAE; HORDEUM VULGARE, POA PRATENSIS, ZEA MAYS, SORGHUM VULGARE, AVENA SATIVA; RANUNCULACEAE; DELPHINIUM; AMARYLLIDACEAE; ALLIUM CEPA; CONVULVULACEAE; IPOMOEA BATATAS; UMBELLIFERAE; DAUCUS CAROTA, APIUM GRAVEOLENS, PETROSELINUM CRISPUM; CHENOPODIACEAE; BETA VULGARIS; PAPAVERACEAE; ESCHSCHOLZIA CALIFORNICA. SAND, POT BORON VEGETATIVE GROWTH, BORON UPTAKE, SALT TOLERANCE
537. EATON, F. M. SALINITY OF IRRIGATION WATER AND INJURY TO CROP PLANTS. CALIF. CITROG. 20: 302, 322-326, 334, 362-365. 1935. CORN; TOMATO; WALNUT; AVOCADO; CITRUS; BEAN; SORGHUM; ALFALFA; COTTON GRAMINEAE; ZEA MAYS, SORGHUM VULGARE, MALVACEAE; GOSSYPIMUM HIRSUTUM; SOLANACEAE; LYCOPERSICON ESCULENTUM; LEGUMINOSAE; MEDICAGO SATIVA, PHASEOLUS VULGARIS; RUTACEAE; CITRUS; LAURACEAE; PERSEA AMERICANA; JUGLANDACEAE; JUGLANS. SAND, POT CHLORIDE, SULFATE, BORON, BICARBONATE, NITRATE TOXICITY, ROOT GROWTH, WATER UPTAKE
538. EATON, F. M. TOXICITY AND ACCUMULATION OF CHLORIDE AND SULFATE SALTS IN PLANTS. J. AGRIC. RES. 64: 357-399. 1942. SORGHUM; COTTON; LEMON; BARLEY; BEAN; BEET, SUGAR; ALFALFA; TOMATO; CORN; WHEAT GRAMINEAE; SORGHUM VULGARE, HORDEUM VULGARE, ZEA MAYS, TRITICUM AESTIVUM; MALVACEAE; GOSSYPIMUM HIRSUTUM; RUTACEAE; CITRUS LIMON; LEGUMINOSAE; PHASEOLUS VULGARIS, MEDICAGO SATIVA; CHENOPODIACEAE; BETA VULGARIS; SOLANACEAE; LYCOPERSICON ESCULENTUM. SAND TANK, WATER CULTURE, POT, GREENHOUSE CHLORIDE, SULFATE, CALCIUM, MAGNESIUM, SODIUM VEGETATIVE GROWTH, LEAF INJURY, OSMOTIC PRESSURE, MINERAL COMPOSITION
539. EATON, F. M. THE WATER REQUIREMENT AND CELL SAP CONCENTRATION OF AUSTRALIAN SALT BUSH AND WHEAT AS RELATED TO THE SALINITY OF THE SOIL. AMER. J. BOT. 14: 214-226. 1927. SALT BUSH; WHEAT CHENOPODIACEAE; ATRIPLEX SEMIBACCATA; GRAMINEAE; TRITICUM AESTIVUM. GREENHOUSE, SOIL, POT SODIUM, CHLORIDE, SALINE SOIL WATER REQUIREMENT, CELL SAP CONCENTRATION
540. EATON, F. M. WATER UPTAKE AND SALT ACCUMULATION. CALIF. CITROG. 44: 332-336. 1959. BEET, SUGAR; BARLEY; SORGHUM; ALFALFA; COTTON; TOMATO CHENOPODIACEAE; BETA VULGARIS; GRAMINEAE; HORDEUM VULGARE, SORGHUM VULGARE; LEGUMINOSAE; MEDICAGO SATIVA; MALVACEAE; GOSSYPIMUM HIRSUTUM; SOLANACEAE; LYCOPERSICON ESCULENTUM. WATER CULTURE, SAND OSMOTIC PRESSURE, CHLORIDE, SODIUM, SULFATE WATER UPTAKE, MINERAL COMPOSITION
541. EATON, F. M.; HARDING, R. B. FOLIAR UPTAKE OF SALT CONSTITUENTS OF WATER BY CITRUS PLANTS DURING INTERMITTENT

- SPRINKLING AND IMMERSION. PLANT PHYSIOL. 34: 22-26. 1959. ORANGE: LEMON. RUTACEAE: CITRUS SINENSIS. CITRUS LIMON. POT. SOIL. SPRINKLER IRRIGATION. POTASSIUM. SODIUM. CALCIUM. CHLORIDE. IMMERSION. MINERAL COMPOSITION
542. EATON, F. M.; MCCALLUM, R. D.; MAYHUGH, M. S. QUALITY OF IRRIGATION WATERS OF THE HOLLISTER AREA OF CALIFORNIA, WITH SPECIAL REFERENCES TO BORON CONTENT AND ITS EFFECT ON APRICOTS AND PRUNES. USDA TECH. BULL. 746: 59 PP. 1941. APRICOT: PRUNE. ROSACEAE: PRUNUS ARMENIACA. PRUNUS DOMESTICA. LEAF INJURY. BORON TOLERANCE
543. EATON, F. M.; OLMSTEAD, W. R.; TAYLOR, O. C. SALT INJURY TO PLANTS WITH SPECIAL REFERENCE TO CATIONS VERSUS ANIONS AND ION ACTIVITY. PLANT SOIL 35: 533-547. 1971. COTTON: TOMATO: SORGHUM: ALFALFA: BEET. SUGAR. MALVACEAE: GOSSYPIMUM HIRSUTUM: SOLANACEAE: LYCOPERSICON ESCULENTUM: GRAMINEAE: SORGHUM VULGARE: LEGUMINOSAE: MEDICAGO SATIVA: CHENOPODIACEAE: BETA VULGARIS. WATER CULTURE. GREENHOUSE. GROWTH CHAMBER. SODIUM. CHLORIDE. SULFATE. CALCIUM. MAGNESIUM. SULFUR DIOXIDE. HYDROGEN CHLORIDE. MINERAL COMPOSITION. OSMOTIC PRESSURE
544. EATON, S. V. EFFECTS OF BORON DEFICIENCY AND EXCESS ON PLANTS. PLANT PHYSIOL. 15: 95-107. 1940. SUNFLOWER. COMPOSITAE: HELIANTHUS ANNUUS. SAND. GREENHOUSE. POT. BORON. LEAF INJURY. TOXICITY
545. ECKART, C. F. RECENT EXPERIMENTS WITH SALINE IRRIGATION. HAWAIIAN SUGAR PLANTERS ASSN. EXPT. STA. BULL. 11: 12 PP. 1905. SUGARCANE. GRAMINEAE: SACCHARUM OFFICINARUM. FIELD PLOT. SOIL. LINE. SODIUM. CHLORIDE. CANE YIELD. SUGAR YIELD
546. ECKSTEIN, D.; LIESE, W.; PARAMESWARAN, N. ON THE STRUCTURAL CHANGES IN WOOD AND BARK OF A SALT-DAMAGED HORSECHESTNUT TREE. HOLZFORSCHUNG 30: 173-178. 1976. CHESTNUT. HORSE TREE. HIPPOCASTANACEAE: AESCULUS HIPPOCASTANUM. FIELD. DEICING SALT. ANATOMICAL RESPONSE
547. EDLIN, H. L. SALT BURN FOLLOWING A SUMMER GALE IN SOUTH-EAST ENGLAND. QUART. J. FORESTRY 51: 46-50. 1957. TREE. FIELD. SALT SPRAY. LEAF INJURY
548. EDLIN, H. L. A SALT STORM ON THE SOUTH COAST. QUART. J. FORESTRY 37: 24-26. 1943. TREE. FIELD. SALT SPRAY. LEAF INJURY
549. EDWARDS, R. S. THE EFFECTS OF AIRBORNE SODIUM CHLORIDE AND OTHER SALTS OF MARINE ORIGIN ON PLANTS IN WALES. PROC. 1ST EUROPEAN CONG. ON THE INFLUENCE OF AIR POLLUTION ON PLANTS AND ANIMALS (WAGENINGEN, THE NETHERLANDS, APRIL 22-27, 1969): 99-103. 1971. PINE. AUSTRIAN: RYEGRASS. PERENNIAL. PINACEAE: PINUS NIGRA: GRAMINEAE: LOLIUM PERENNE.
550. EDWARDS, R. S.; HOLMES, G. D. STUDIES OF AIRBORNE SALT DEPOSITION IN SOME NORTH WALES FORESTS. FORESTRY 41: 155-174. 1968. PINE. CORSICAN: PINE. CLUSTER: PINE. MARITIME: PINE. BISHOP: SPRUCE. SITKA: SPRUCE. WHITE. PINACEAE: PINUS NIGRA VAR CALABRICA. PINUS PINASTER. PINUS MURICATA. PICEA SITCHENSIS. PICEA GLAUCA. FIELD. SALT SPRAY. SODIUM. CHLORIDE. LEAF INJURY. VEGETATIVE GROWTH
551. EHARA, K.; IKEDA, H.; FUJII, A. STUDIES ON THE ECOLOGICAL AND GROWTH CHARACTERISTICS OF WARM-SEASON NATIVE GRASSES. 5. ON THE SALT TOLERANCE OF SPOROBORUS VIRGINICUS KUNTZE. (JAP: ENG SUM). KYUSHU UNIV. FAC. AGRIC. SCI. BULL. 26: 441-444. 1972. GRASS. GRAMINEAE: SPOROBORUS VIRGINICUS. CYNODON DACTYLON. PASPALUM DISTICHUM. WATER CULTURE. SEA WATER. VEGETATIVE GROWTH. SODIUM UPTAKE. CHLORIDE UPTAKE
552. EHLIG, C. F. EFFECTS OF SALINITY ON FOUR VARIETIES OF TABLE GRAPES GROWN IN SAND CULTURE. PROC. AMER. SOC. HORT. SCI. 76: 323-331. 1960. GRAPE. VITACEAE: VITIS VINIFERA. SAND TANK. SODIUM. CALCIUM. CHLORIDE. SULFATE. VARIETY. MINERAL COMPOSITION. LEAF INJURY. CHLORIDE UPTAKE
553. EHLIG, C. F. SALT TOLERANCE OF RASPBERRY, BOYSENBERRY, AND BLACKBERRY. AMER. SOC. HORT. SCI. 85: 318-324. 1964. RASPBERRY: BOYSENBERRY: BLACKBERRY. ROSACEAE: RUBUS. SAND TANK. SODIUM. CALCIUM. CHLORIDE. SULFATE. LEAF INJURY. MINERAL COMPOSITION

554. EHLIG, C. F. SALT TOLERANCE OF STRAWBERRIES UNDER SPRINKLER IRRIGATION. AMER. SOC. HORT. SCI. 77: 376-379. 1961. STRAWBERRY ROSACEAE: FRAGARIA. POT. WATER CULTURE. SPRINKLER IRRIGATION SODIUM, CHLORIDE, CALCIUM, SULFATE CHLORIDE UPTAKE, SODIUM UPTAKE, LEAF INJURY
555. EHLIG, C. F.; BERNSTEIN, L. FOLIAR ABSORPTION OF SODIUM AND CHLORIDE AS A FACTOR IN SPRINKLER IRRIGATION. PROC. AMER. SOC. HORT. SCI. 74: 661-670. 1959. ALMOND; APRICOT; PLUM; AVOCADO; ORANGE; ALFALFA; BEAN; CLOVER, RED; FESCUE, TALL; TOMATO; CABBAGE; ONION; LETTUCE; SPINACH GRAMINEAE: FESTUCA ELATIOR; LAURACEAE: PERSEA AMERICANA; ROSACEAE: PRUNUS AMYGDALUS, PRUNUS ARMENIACA, PRUNUS DOMESTICA; LEGUMINOSAE: PHASEOLUS VULGARIS, MEDICAGO SATIVA, TRIFOLIUM PRATENSE; RUTACEAE: CITRUS; SOLANACEAE: LYCOPERSICON ESCULENTUM; CHENOPODIACEAE SPINACIA OLERACEA; COMPOSITAE: LACTUCA SATIVA; AMARYLLIDACEAE: ALLIUM CEPA; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA. SAND TANK, SPRINKLER IRRIGATION CALCIUM, SODIUM, SULFATE, CHLORIDE LEAF INJURY, SODIUM UPTAKE, CHLORIDE UPTAKE
556. EHLIG, C. F.; BERNSTEIN, L. SALT TOLERANCE OF STRAWBERRIES. AMER. SOC. HORT. SCI. 72: 198-206. 1958. STRAWBERRY ROSACEAE: FRAGARIA. SAND TANK, FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, SULFATE LEAF INJURY, MINERAL COMPOSITION, VEGETATIVE GROWTH, CHLORIDE UPTAKE
557. EHLIG, C. F.; GARDNER, W. R.; CLARK, M. EFFECT OF SOIL SALINITY ON WATER POTENTIALS AND TRANSPIRATION IN PEPPER (CAPSICUM FRUTESCENS). AGRON. J. 60: 249-253. 1968. PEPPER SOLANACEAE: CAPSICUM FRUTESCENS. POT. SOIL, CLAY SODIUM, CHLORIDE, CALCIUM, MAGNESIUM TRANSPIRATION, OSMOTIC POTENTIAL, LEAF WATER CONTENT
558. EHRENCRON, V. K. R. SALT TOLERANCE OF RICE. BULL. LANDB. PROEFSTN. SUR NAM 82: 361-368. 1965. RICE GRAMINEAE: ORYZA SATIVA. SOIL, POT, GREENHOUSE SALINE SOIL VEGETATIVE GROWTH, SALT TOLERANCE
559. EHRLER, W. SOME EFFECTS OF SALINITY ON RICE. BOT. GAZ. 122: 102-104. 1960. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE, GREENHOUSE, POT SODIUM, CALCIUM, CHLORIDE, SULFATE STRAW YIELD, GRAIN YIELD, VEGETATIVE GROWTH, ROOT GROWTH
560. EHRLER, W.; BERNSTEIN, L. EFFECTS OF ROOT TEMPERATURE, MINERAL NUTRITION, AND SALINITY ON THE GROWTH AND COMPOSITION OF RICE. BOT. GAZ. 120: 67-74. 1958. RICE GRAMINEAE: ORYZA SATIVA. GREENHOUSE, POT, WATER CULTURE CALCIUM, MAGNESIUM, POTASSIUM, SULFATE, CHLORIDE, NITRATE, PHOSPHATE VEGETATIVE GROWTH, MINERAL COMPOSITION
561. EIJK, M. VAN ANALYSIS OF THE EFFECT OF SODIUM CHLORIDE UPON GROWTH, SUCCULENCE, AND TRANSPIRATION OF SALICORNIA HERBACEA AND STUDIES ON THE EFFECT OF THE UPTAKE OF SALT UPON THE RESPIRATION OF ROOTS OF ASTER TRIPOLIUM. REC. TRAV. BOT. NEERL. 36: 559-657. 1939. COMPOSITAE: SALICORNIA HERBACEA, ASTER TRIPOLIUM. POT, SOIL SEA WATER, SODIUM, MAGNESIUM, CALCIUM, POTASSIUM, CHLORIDE, SULFATE, NITRATE LEAF INJURY, VEGETATIVE GROWTH, MINERAL COMPOSITION, OSMOTIC POTENTIAL, RESPIRATION
562. EIJK, M. VAN EINFLUSS DER SALZAUFNAHME AUF DIE WURZEL ATMUNG BEI ASTER TRIPOLIUM. INFLUENCE OF SALT UPTAKE ON ROOT RESPIRATION OF ASTER TRIPOLIUM. (DUT). KONINKLIJKE NEDERLANDSCHE AKADEMIE VAN WETENSCHAPPEN 41: 1-8. 1939. ASTER COMPOSITAE: ASTER TRIPOLIUM. WATER CULTURE SODIUM, CHLORIDE, SULFATE RESPIRATION
563. EL-AZAB, E. M.; MINESSY, F. A. EFFECT OF SALINITY ON GROWTH OF THOMPSON SEEDLESS AND ROUMI RED GRAPE VINES IN CALCAREOUS SOILS. ALEXANDRIA J. AGRIC. RES. 23: 265-274. 1975. GRAPE VITACEAE: VITIS. POT, CALCAREOUS SOIL CALCIUM, SODIUM, CHLORIDE MINERAL COMPOSITION, ROOT GROWTH, VEGETATIVE GROWTH
564. EL-AZAB, E. M.; NASR, T. A.; BARAKAT, M. A. EFFECT OF SALINITY ON GROWTH AND MINERAL CONTENT OF PECAN SEEDLINGS GROWN IN A CALCAREOUS SOIL. ALEX. J. AGRIC. RES. 2: 303-308. 1973. PECAN JUGLANDACEAE: CARYA ILLINOINENSIS. POT, SOIL SODIUM, CHLORIDE, CALCIUM VEGETATIVE GROWTH, MINERAL COMPOSITION
565. EL-DAMATY, H.; KUHN, H.; LINSE, H. A PRELIMINARY INVESTIGATION OF INCREASING SALT TOLERANCE OF PLANTS BY APPLICATION OF (2-CHLOROETHYL)-TRIMETHYL AMMONIUM CHLORIDE. AGROCHIMICA 3: 129. 1964. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SAND, POT SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE OSMOTIC PRESSURE, CHLOROPHYLL

566. EL-POULY, M. M.; JUNG, J. ENZYME ACTIVITY IN WHEAT SEEDLINGS GROWN UNDER DIFFERENT SODIUM CHLORIDE SALINITY LEVELS AND THEIR INTERACTION WITH GROWTH REGULATORS. BIOCHEM. PHYSIOL. PFLANZ. 163: 492-498. 1972. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL SODIUM, CHLORIDE, (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE, (N-DIMETHYL-B-CHLOROETHYL HYDRAZONIUM CHLORIDE) SEEDLING EMERGENCE, VEGETATIVE GROWTH, AMYLASE, B-FRUCTOFURANOSIDASE, ACID PHOSPHATASE, PEROXIDASE, CATALASE
567. EL-GAMASSY, A. M.; EL-RAHMAN, A. A. A.; HASSIB, M.; MANDOUR, M. S. VEGETATIVE PATTERNS AND WATER ECONOMY OF AGAVE SISALANA IN SALINE SOILS. Z. ACKER PFLANZENBAU, 139: 165-171. 1974. AGAVACEAE: AGAVE SISALANA. POT. SOIL SODIUM, CHLORIDE, CALCIUM RESPIRATION, OSMOTIC PRESSURE, VEGETATIVE GROWTH
568. EL-GIBALY, M. H.; GOUMAH, M. THE EFFECT OF GRADUAL LEACHING ON THE GROWTH AND YIELD OF SUGAR CANE IN SALINE SOILS. U.A.R. J. SOIL SCI. 11: 27-37. 1971. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. SOIL, POT. SALINE SOIL, VARIETY, SODIUM, CHLORIDE, CALCIUM, LEACHING VEGETATIVE GROWTH, GERMINATION
569. EL-GIBALY, M. H.; GOUMAH, M. THE EFFECT OF SALINIZATION ON THE GROWTH AND YIELD OF SUGAR CANE. BEIT. TROPISCHEN SUBTROPISCHENLANDWIRT AND TROPENVETERINAERMEDIZINE 7: 27-39. 1969. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE GERMINATION, VEGETATIVE GROWTH, SUGAR YIELD, CANE YIELD
570. EL-KOBBIA, T.; OMAR, M. A.; EL-DAMATY, A. H. THE INFLUENCE OF CCC ON THE RESISTANCE OF WHEAT PLANTS TO SALINITY. U. A. R. J. SOIL SCI. 10: 249-253. 1970. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SAND CULTURE, POT. SODIUM, CALCIUM, CHLORIDE, (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE GRAIN YIELD, STRAW YIELD
571. EL-SAIDI, M. T. EFFECT OF DIFFERENT SALINITY LEVELS ON GROWTH, DEVELOPMENT, AND SOME PHYSIOLOGICAL PROCESSES OF COTTON PLANTS. I. EFFECT OF ADDING SALTS BEFORE SOWING. Z. ACKER PFLANZENBAU 138: 331-340. 1973. COTTON MALVACEAE: GOSSYPIMUM BARBADENSE. POT. GREENHOUSE, SOIL SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, TRANSPIRATION, CHLOROPHYLL "A", CHLOROPHYLL "B", CAROTENOIDS, PHOTOSYNTHESIS
572. EL-SAIDI, M. T.; HAWASH, M. THE EFFECT OF USING SALINE WATER FOR IRRIGATION ON THE GROWTH AND CHEMICAL PROPERTIES OF ROSELLE PLANTS (HIBISCUS SABDARIFFA L.). Z. ACKER PFLANZENBAU 134: 251-256. 1971. ROSELLE MALVACEAE: HIBISCUS SABDARIFFA. POT. SOIL SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, NITROGEN UPTAKE, PHOSPHORUS UPTAKE, CARBOHYDRATE
573. EL-SAIDI, M. T.; KORTAM, M. A. EFFECT OF DIFFERENT SALINITY LEVELS ON GROWTH, DEVELOPMENT AND SOME PHYSIOLOGICAL PROCESSES OF COTTON PLANTS. II. EFFECT OF GRADUAL ADDITION OF SALTS DURING VEGETATION. Z. ACKER PFLANZENBAU 139: 123-132. 1974. COTTON MALVACEAE: GOSSYPIMUM BARBADENSE. GREENHOUSE, POT. SOIL SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, WATER POTENTIAL, OSMOTIC PRESSURE, RESPIRATION
574. EL-SAIDI, M. T.; KUIPER, P. J. C. EFFECT OF APPLIED KINETIN ON UPTAKE AND TRANSPORT OF SODIUM-22 AND CHLORINE-36 IN BEAN AND COTTON PLANTS. MEDED. LANDBOUW. WAGENINGEN 72: 1-5. 1972. COTTON; BEAN MALVACEAE: GOSSYPIMUM HIRSUTUM; LEGUMINOSAE: PHASEOLUS VULGARIS. GROWTH CHAMBER, WATER CULTURE KINETIN, SODIUM, CHLORIDE SODIUM UPTAKE, CHLORIDE UPTAKE
575. EL-SHABASSY, A. I.; ZIKRI, B. S.; HOSNY, I. COMPARISON BETWEEN SOME FORAGE CROPS (RYE, CLOVER, AND BARLEY) CULTIVATED AS SALT TOLERANT PLANTS IN NEW RECLAIMED AREAS. AGRIC. RES. REV. 48: 49-57. 1970. RYE; CLOVER; BARLEY GRAMINEAE: HORDEUM VULGARE, LOLIUM; LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. SOIL, POT. GREENHOUSE, FIELD VARIETY, SODIUM, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE
576. EL-SHARKAWI, H. M.; MICHEL, B. E. EFFECTS OF SOIL SALINITY AND AIR HUMIDITY ON CO₂ (CARBON DIOXIDE) EXCHANGE AND TRANSPIRATION OF TWO GRASSES. PHOTOSYNTHETICA 9: 277-282. 1975. ALKALI SACATON; GRAMA, BLUE GRAMINEAE: SPOROBOLUS AIROIDES, BOUTELOUA GRACILIS. POT. SOIL OSMOTIC PRESSURE, HUMIDITY PHOTOSYNTHESIS, TRANSPIRATION, RESPIRATION
577. EL-SHARKAWI, H. M.; SALAMA, F. M. EFFECTS OF DROUGHT AND SALINITY ON SOME GROWTH-CONTRIBUTING PARAMETERS IN WHEAT AND

- BARLEY. PLANT SOIL 46: 423-433. 1977. WHEAT: BARLEY GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE. SOIL. POT. CALCIUM, CHLORIDE, SODIUM, WATER STRESS. VEGETATIVE GROWTH, CHLOROPHYLL, TRANSPIRATION
578. EL-SHARKAWI, H. M.; SALAMA, F. M. SALT TOLERANCE CRITERIA IN SOME EGYPTIAN AND MEXICAN WHEAT AND BARLEY CULTIVARS. I. ANALYSIS OF TRANSPIRATION CURVES. EGYPT. J. BOT. 18: 69-79. 1976. WHEAT: BARLEY GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE. POT. SOIL. OSMOTIC PRESSURE, CALCIUM, CHLORIDE, SODIUM, TEMPERATURE, LIGHT. TRANSPIRATION
579. EL-SHEIKH, A. M.; ULRICH, A.; AWAD, S. K.; MAWARDY, A. E. BORON TOLERANCE OF SQUASH, MELON, CUCUMBER, AND CORN. J. AMER. SOC. HORT. SCI. 96: 536-537. 1971. SQUASH: MUSKMELON: CUCUMBER, CORN. CUCURBITACEAE: CUCURBITA PEPO, CUCUMIS SATIVUS, CUCUMIS MELO: GRAMINEAE: ZEA MAYS. SAND CULTURE, GREENHOUSE, POT. BORON. LEAF INJURY, VEGETATIVE GROWTH, BORON UPTAKE
580. EL-SHOUBAGY, M. N.; ABDULLA, O. A. EFFECT OF AMINO ACIDS ON GROWTH AND PROTEIN CONTENT OF SALT STRESSED BARLEY SEEDLINGS. PHYTON. ANN. BOT. 17: 79-86. 1975. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE, GERMINATION DISHES. TEMPERATURE, VARIETY, AMINO ACID, SODIUM, CHLORIDE, ARGININE, ASPARTIC ACID, CYSTINE, GLUTAMIC ACID, LYSINE, TRYPTOPHAN. SEEDLING GROWTH, PROTEIN
581. EL-SHOUBAGY, M. N.; AHMED, A. M. RESPONSES OF TWO VARIETIES OF TOMATO TO ABRUPT AND GRADUAL SHORT-PERIOD SODIUM CHLORIDE EXPOSURE. PLANT SOIL 42: 255-272. 1975. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. WATER CULTURE, POT, GREENHOUSE. VARIETY, SODIUM, CHLORIDE. VEGETATIVE GROWTH, LEAF WATER CONTENT, MINERAL COMPOSITION, OSMOTIC PRESSURE, SODIUM UPTAKE, CHLORIDE UPTAKE
582. EL-SHOUBAGY, M. N.; KISHK, H. T. SODIUM CHLORIDE EFFECTS ON THE SUGAR METABOLISM OF SEVERAL PLANTS. PHYTON. ANN. BOT. 17: 101-108. 1975. SALTBUSH: PEPPER. CHENOPODIACEAE: ATRIPLEX NUMMULARIA; SOLANACEAE: CAPSICUM FRUTESCENS; ZYGOPHYLLACEAE: ZYGOPHYLLUM ALBUM. SAND, GREENHOUSE, POT. SODIUM, CHLORIDE. SUGAR METABOLISM
583. ELGABALY, M. M. SPECIFIC EFFECTS OF ABSORBED IONS ON PLANT GROWTH I. EFFECT OF DIFFERENT COMBINATIONS OF CALCIUM, MAGNESIUM, AND SODIUM ON BARLEY SEEDLINGS. SOIL SCI. 80: 235-248. 1955. BARLEY GRAMINEAE: HORDEUM VULGARE. EXCHANGE RESIN, SAND, POT. SODIUM, CALCIUM, MAGNESIUM. ROOT GROWTH, VEGETATIVE GROWTH, MINERAL COMPOSITION
584. ELGABALY, M. M. STUDIES ON SALT TOLERANCE AND SPECIFIC-ION EFFECTS ON PLANTS. PROC. UNESCO ARID ZONE SYMP., SALINITY PROBLEMS IN THE ARID ZONES, TEHRAN: 169-174. 1961. WHEAT: CLOVER, BERSEEM; BARLEY: BEAN, BROAD. LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM, VICIA FABA; GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE; CHENOPODIACEAE: SUAEDEA FRUTICOSA, SALICORNIA HERBACEA, ARTHROCNEMUM GLAUCUM, HALOCNEMUM STROBILACEUM; CARYOPHYLLACEAE: SPERGULARIA DIANDRA; COMPOSITAE: INULA CRITHMOIDES. FIELD, EXCHANGE RESIN, BENTONITE, SILTY SOIL, SAND, POT. SALINE SOIL, MAGNESIUM, CALCIUM, SODIUM, POTASSIUM. MINERAL COMPOSITION, SALT TOLERANCE
585. ELGABALY, M. M.; GHANI, A. M. A. SPECIFIC EFFECTS OF ABSORBED IONS ON PLANT GROWTH. SOIL SCI. 85: 161-166. 1958. PEA: BARLEY. LEGUMINOSAE: PISUM SATIVUM; GRAMINEAE: HORDEUM VULGARE. BENTONITE, SILTY SOIL, SAND, POT, EXCHANGE RESIN. SODIUM, POTASSIUM, CALCIUM. ROOT GROWTH, VEGETATIVE GROWTH, MINERAL COMPOSITION
586. ELGABALY, M. M.; MADKOUR, M. H. SALT TOLERANCE OF "KARNAK" COTTON AND "EARLY AMERICAN" CORN IN THE NORTHERN DELTA OF THE NILE. AGROKEMIA ES TALAUTAN 14: 380-384. 1965. COTTON: CORN. GRAMINEAE: ZEA MAYS; MALVACEAE: GOSSYPIUM. SOIL, FIELD. EXCHANGEABLE SODIUM PERCENTAGE, CHLORIDE, SODIUM, SALINE SOIL
587. ELGABALY, M. M.; MADKOUR, M. H. SALT TOLERANCE OF BERSEEM CLOVER, BARLEY, WHEAT AND BEANS. AGROKEMIA ES TALAUTAN 14: 377-379. 1965. CLOVER, BERSEEM; BARLEY: WHEAT: BEAN, BROAD. GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE; LEGUMINOSAE: VICIA FABA, TRIFOLIUM ALEXANDRINUM. SOIL. SOLUBLE SODIUM PERCENTAGE, CALCIUM, MAGNESIUM, SODIUM. VEGETATIVE GROWTH
588. ELGABALY, M.; MASSOUD, F. SALT TOLERANCE, GROWTH CONDITIONS, AND COMPOSITION OF CERTAIN FIELD CROPS AS RELATED TO SOIL SALINITY. VI INTERN. CONC. SOIL SCI., PARIS, VOL. A: 265-266. 1956. BARLEY: WHEAT: CORN: CLOVER: BEAN, BROAD. GRAMINEAE: HORDEUM VULGARE, TRITICUM AESTIVUM, ZEA MAYS; LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM, VICIA FABA. FIELD

SOLUBLE SODIUM PERCENTAGE MINERAL COMPOSITION

589. ELGAZZAR, A.; WALLACE, A. EFFECT OF NAHCO₃ ON TRIFOLIATE ORANGE AND ROUGH LEMON SEEDLINGS. IN CURRENT TOPICS IN PLANT NUTRITION. EDWARDS BROTHERS, INC.: 85-87, 1966. LEMON, ROUGH; ORANGE, TRIFOLIATE RUTACEAE: PONCIRUS TRIFOLIATA, CITRUS. WATER CULTURE SODIUM, BICARBONATE MINERAL COMPOSITION
590. ELLEBOUDI, A. E. A PRELIMINARY STUDY ON ABSORPTION OF PHOSPHATE AND GROWTH OF PLANT UNDER SALINE CONDITIONS. PLANT SOIL 31: 193-196, 1969. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. SAND, POT PHOSPHATE, SODIUM, CHLORIDE VEGETATIVE GROWTH, PHOSPHATE UPTAKE
591. ELZAM, O. E.; EPSTEIN, E. SALT RELATIONS OF TWO GRASS SPECIES DIFFERING IN SALT TOLERANCE. I. GROWTH AND SALT CONTENT AT DIFFERENT SALT CONCENTRATIONS. AGROCHIMICA 13: 187-195, 1969. WHEATGRASS, TALL; WHEATGRASS, INTERMEDIATE GRAMINEAE: AGROPYRON ELONGATUM, AGROPYRON INTERMEDIUM. GREENHOUSE, WATER CULTURE SODIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION
592. EMBLETON, T. W.; LABANAUSKAS, C. K.; BITTERS, W. P. ROOTSTOCK EFFECT ON LOPON, OTHER ELEMENTS IN LEAVES. CALIF. CITROG. 47: 230, 1962. LEMON RUTACEAE: CITRUS LIMON. SOIL, FIELD PLOT BORON, ROOTSTOCK, SULFATE, SODIUM, CHLORIDE LEAF INJURY, TOXICITY, MINERAL COMPOSITION
593. EMBLETON, T. W.; MATSUMURA, M.; STOREY, W. B.; GARBER, M. J. CHLORIDE AND AVOCADO ROOTSTOCKS. CALIF. AVOCADO SOC. YEARBOOK 45: 110-115, 1961. AVOCADO LAURACEAE: PERSEA AMERICANA. SCION, ROOTSTOCK LEAF INJURY, CHLORIDE UPTAKE, CHLORIDE TOLERANCE
594. EMBLETON, T. W.; MATSUMURA, M.; STOREY, W. B.; GARBER, M. J. CHLORINE AND OTHER ELEMENTS IN AVOCADO LEAVES AS INFLUENCED BY ROOTSTOCK. AMER. SOC. HORT. SCI. PROC. 80: 230-236, 1962. AVOCADO LAURACEAE: PERSEA AMERICANA. FIELD, SOIL ROOTSTOCK, SCION MINERAL COMPOSITION
595. EMMONS, A.; WOOD, A.; SUCCOFF, E. ANTIDESICCANT SPRAYS AND DAMAGE FROM DEICING SALTS. MINN. FOR. RES. NOTES NO. 258: 3 PP. 1976. PINE, AUSTRIAN; JUNIPER, PFITZER; ASH, GREEN; DOGWOOD, RED-OSIER; LILAC, COMMON; CRABAPPLE, RADIANT PINACEAE: PINUS NIGRA; ROSACEAE: MALUS; CUPRESSACEAE: JUNIFERUS CHINENSIS; OLEACEAE, FRAXINUS PENNSYLVANICA. SYRINGA VULGARIS; CORNACEAE: CORNUS STOLONIFERA. FIELD PLOT, SOIL SALT SPRAY, ANTIDESICCANT SPRAY LEAF INJURY
596. ENDE, J. VAN DEN DE INVLOED VAN ZOUT GIETWATER OP DE ONTWIKKELING VAN VERSCHILLENDE GEWASSEN ONDER GLAS. THE INFLUENCE OF SALT WATER ON THE DEVELOPMENT OF SEVERAL CROPS UNDER GLASS. (DUT; ENG SUM). MED. DIR. TUINB. 15: 884-903, 1952. CARNATION; TOMATO; GRAPE; CAULIFLOWER CARYOPHYLLACEAE: DIANTHUS CARYOPHYLLUS; SOLANACEAE: LYCOPERSICON ESCULENTUM; VITACEAE: VITIS; CRUCIFERAE: BRASSICA OLERACEA VAR BOTRYTIS. POT, GREENHOUSE, SOIL SODIUM, CHLORIDE VEGETATIVE GROWTH
597. ENDE, J. VAN DEN; KOORNNEEF, P.; SONNEVELD, C. OSMOTIC PRESSURE OF THE SOIL SOLUTION: DETERMINATION AND EFFECTS ON SOME GLASSHOUSE CROPS. NETH. J. AGRIC. SCI. 23: 181-190, 1975. TOMATO; LETTUCE; PEPPER; ENDIVE; CAULIFLOWER; BEAN; SPINACH SOLANACEAE: LYCOPERSICON ESCULENTUM, CAPSICUM FRUTESCENS; COMPOSITAE: LACTUCA SATIVA, CICHORIUM ENDIVIA; CRUCIFERAE: BRASSICA OLERACEA VAR BOTRYTIS; LEGUMINOSAE: PHASEOLUS VULGARIS; CHENOPODIACEAE: SPINACIA OLERACEA. SOIL, GREENHOUSE CALCIUM, SODIUM, POTASSIUM, SULFATE, CHLORIDE, NITRATE OSMOTIC PRESSURE
598. EPERJESSY, G. UNTERSCHIEDE BEI DER KEIMUNG VON AUF ALKALISCHEM UND SAUREM BODENGEZUCHTETEN WEIZENSORTEN. DIFFERENCES IN GERMINATION OF WHEAT VARIETIES GROWN ON ALKALI AND ACID SOILS. (GER). FORTSCHRITTE DER LANDWIRTSCHAFT (WIEN HOCHSCHULE FUR BODENKULTUR). VIENNA AND BERLIN: SPRINGER, GAHNGANG 5, HEFT 10: 345-350, 1930. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL SODIUM, BICARBONATE, CARBONATE, CALCIUM, SULFATE GERMINATION
599. EPSTEIN, E. GENETIC ADAPTATION OF CROPS TO SALINITY. PROC. WORKSHOP ON SALT EFFECTS ON PLANT STRUCTURES AND PROCESSES, RIVERSIDE, CALIF. APRIL 1976: 51-53, 1976. TOMATO; BARLEY SOLANACEAE: LYCOPERSICON ESCULENTUM, LYCOPERSICON CHEESMANII, GRAMINEAE: HORDEUM VULGARE. WATER CULTURE, FIELD PLOT SODIUM, CHLORIDE, SEA WATER HYBRID, GENETIC INTERACTION

600. EPSTEIN, E.; NORLYN, J. D. SEAWATER-BASED CROP PRODUCTION: A FEASIBILITY STUDY. SCIENCE 197: 249-251. 1977. BARLEY GRAMINEAE: HORDEUM VULGARE. FIELD SEA WATER MINERAL COMPOSITION. GRAIN YIELD
601. ERGASHEV, KH. HIGH GARLIC YIELDS ON SALINE SOIL. (RUS). KARTOFEL OVOSCHI 9: 27. 1975. GARLIC AMARYLLIDACEAE: ALLIUM SATIVUM.
602. ERNST, W.; FELDERMANN, D. AUSWIRKUNGEN DER WINTERSALZSTREUUNG AUF DEN MINERALSTOFFHAUSHALT VON LINDEN. EFFECTS OF DE-ICING SALTS (SODIUM CHLORIDE) ON THE MINERAL STATUS OF LINDEN TREES. (GER: ENG SUM). Z. PFLANZENERNAEHR BODENK. 138: 629-640. 1975. LINDEN, SMALL-LEAVED EUROPEAN; LINDEN, SILVER; LINDEN, WHITE TILIACEAE: TILIA CORDATA. TILIA TOMENTOSA. DEICING SALT. SODIUM, CHLORIDE CHLORIDE UPTAKE, SODIUM UPTAKE, LEAF INJURY
603. ESPINO, R. B.; PALISOC, E. TOLERANCE OF YOUNG RICE PLANTS TO RELATIVELY LARGE AMOUNTS OF MAGNESIUM SULPHATE CONTAINED IN COMPLETE CULTURE SOLUTION. PHILIPPINE AGRIC. 20: 269-286. 1931. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE MAGNESIUM, SULFATE, VARIETY, NITRATE, PHOSPHATE ROOT GROWTH, VEGETATIVE GROWTH, SALT TOLERANCE
604. ETHIRAJ, S.; SHARMA, H. R.; VYAS, S. R. STUDIES ON SALT TOLERANCE OF RHIZOBIA. INDIAN J. MICROBIOL. 12: 87-92. 1972. CLOVER, BERSEEM; DHAINCHA; ALFALFA LEGUMINOSAE: MEDICAGO SATIVA, TRIFOLIUM ALEXANDRINUM, SESBANIA ACULEATA. TEST TUBE, AUGER SODIUM, CHLORIDE, SULFATE, POTASSIUM, SALINE SOIL, MAGNESIUM NODULATION, SALT TOLERANCE, NITROGEN FIXATION, RHIZOBIUM
605. EVDOKIMOV, V. M. CHANGE OF PLANT SALT TOLERANCE IN ONTOGENESIS AND ITS DEPENDENCE ON SOME PHYSICAL-CHEMICAL PROPERTIES OF THE PROTOPLASM. (RUS: ENG SUM). TR. PRIKLADNOI BOT. GENET. SELEK. 43: 168-179. 1970. WHEAT; BARLEY; MILLET; BEAN GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE, ELEUSINE CORACANA; LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE, POT. SOIL, SAND SODIUM, CHLORIDE GRAIN YIELD, VEGETATIVE GROWTH, ROOT GROWTH, CHLORIDE UPTAKE, SODIUM UPTAKE, WATER POTENTIAL, MINERAL COMPOSITION
606. EVDOKIMOV, V. M. DYNAMICS OF ACCUMULATION OF SALT IN VEGETATIVE ORGANS OF PLANTS GROWN IN NUTRIENT SOLUTION CONTAINING NaCl AT DIFFERENT STAGES OF ONTOGENESIS. (RUS). SB. TRUB. ASPIR. MOLOD. NAUCH. SOTR. VSES. INST. RASTENIEV NO. 15: 110-116. 1970. WHEAT; BEAN, BROAD GRAMINEAE: TRITICUM AESTIVUM; LEGUMINOSAE: VICIA FABA. WATER CULTURE SODIUM, CHLORIDE SODIUM UPTAKE, CHLORIDE UPTAKE
607. EVERS, F. H. FERNWIRKUNG ABGESCHWEMMTER AUFTAUSALZE IM INNERN VON WALDBESTANDEN. PROJECTED EFFECTS OF MELTING SALT WASHED ONTO THE INTERIOR OF FORESTED AREAS. (GER). EUR. J. PATHOL. 4: 46-48. 1974. PINE, SCOTS; PINE, WHITE; SPRUCE, NORWAY; FIR, SILVER; FIR, DOUGLAS; OAK PINACEAE: PINUS SYLVESTRIS, PINUS STROBUS, PICEA ABIES, ABIES ALBA, PSEUDOTSUGA MENZIESII; FAGACEAE: QUERCUS. FIELD, SOIL DEICING SALT, WIND CHLORIDE UPTAKE, LEAF INJURY, CHLORIDE TOLERANCE
608. EWART, A. G. THE INFLUENCE OF SALT ON PLANTS. J. DEPT. AGRIC. VICTORIA. 12: 420-423. 1914. RYEGRASS; WHEAT; RYE; CANARY GRASS; RAPE; ALFALFA; PEA; BEET, SILVER GRAMINEAE: LOLIUM, TRITICUM AESTIVUM, SECALE CEREALE, PHALARIS ARUNDINACEAE; CRUCIFERAE: BRASSICA NAPUS, LEGUMINOSAE: MEDICAGO SATIVA, PISUM SATIVUM; CHENOPODIACEAE: BETA. FIELD PLOT, SOIL SODIUM, MAGNESIUM, CALCIUM, SULFATE VEGETATIVE GROWTH
609. FARRAGHER, M. A. INDICATOR PLANTS--SOIL ALKALINITY. IRELAND DEPT. AGRIC. J. 66: 89-112. 1969. CRANESBILL, SHINING; YELLOW-WORT; FLEABANE; RUSH, HARD; MULLEIN, GREAT ST JOHN'S WORT; HAWKBIT; HAWKBIT, HAIRY; BURNET, SALAD; COLUMBINE; YELLOW WIELD; KNAPWOOD, GREATER; MAPUORAM; SQUINACYWORT; MADIER, FIELD; SESLERIA, BLUE, BROMEGRASS, UPRIGHT; FALSE-BROME, CHALK GERANIACEAE: GERANIUM LUCIDUM; SCROTHULARIACEAE: VERBASCUM THAPSUS; GENTIANACEAE: BLACKSTONIA PERFOLIATA; GUTTIFERAE: HYPERICUM PERFORATUM; COMPOSITAE: ERIGERON ACER, LEONTODON HISPIDUS, LEONTODON TARAXACOIDES, CENTAUREA SCABIOSA; RESEDACEAE: RESEDA LUTEOLA; ROSACEAE: SANGUISORBA MINOR; RUBIACEAE: ASPERULA CYNANCHICA, SHERARDIA ARVENSIS; RANUNCULACEAE: AQUILEGIA VULGARIS, LABIATAE: ORIGANUM VULGARE; JUNCACEAE: JUNCUS INFLEXUS; GRAMINEAE: SESLERIA CAERULEA, ZERNA ERECTA, BRACHYPODIUM PINNATUM.
610. FAYEZ, M. A.; EL-KOBBIA, T.; HAMDI, H.; MOSTAFA, F. B. THE EFFECT OF HIGH SALT CONCENTRATIONS ON THE GROWTH OF BARLEY PLANTS. J. SOIL SCI. U.A.R. 11: 61-75. 1971. BARLEY GRAMINEAE: HORDEUM VULGARE. POT. SAND SODIUM.



CHLORIDE. CALCIUM. MAGNESIUM. SULFATE GERMINATION. VEGETATIVE GROWTH. TOXICITY

611. FAZIO, S. PREVENTING SALT DAMAGE (GUIDELINES FOR PREVENTING SALT DAMAGE TO INDOOR AND OUTDOOR PLANTS). COOPP. EXT. SERV. UNIV. ARIZ. 96: 3 PP. 1973.
612. FEDOROVSKII, D. V. RELATION OF WILTING COEFFICIENT TO PLANT SPECIES AND TO OSMOTIC PRESSURE OF SOIL SOLUTION. (RUS). POCHOVEDENIE 1948: 612-621. 1948. CUCUMBER: WHEAT: FLAX: GLASSWORT: MUSKMELON CHENOPODIACEAE: SALICORNIA HERBACEA. SALSOLA MUTICA: CUCURBITACEAE: CUCUMIS MELO. CUCUMIS SATIVUS: GRAMINEAE: TRITICUM AESTIVUM: LINACEAE: LINUM USITATISSIMUM. POT. SAND SODIUM. CHLORIDE VEGETATIVE GROWTH. OSMOTIC PRESSURE. CHLORIDE UPTAKE
613. FENN, L. B.; CERTLI, J. J.; BINGHAM, F. T. SPECIFIC CHLORIDE INJURY IN PERSEA AMERICANA. SOIL SCI. SOC. AMER. PROC. 34: 617-620. 1970. AVOCADO LAURACEAE: PERSEA AMERICANA. SAND TANK CHLORIDE LEAF WATER POTENTIAL. CHLORIDE UPTAKE
614. FERGUSON, C. R. SALT TOLERANT PLANTS FOR SOUTH FLORIDA. PROC. FLA. STATE HORT. SOC. 63: 306-313 1952. GROUND COVER: VINE: SHRUB: TREE
615. FERGUSON, W. S. SALT INDUCED CHANGES IN THE COMPOSITION OF LIPID CLASSES IN BARLEY ROOTS. CAN. J. PLANT SCI. 46: 639-646. 1966. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE. POT. GREENHOUSE SODIUM. CHLORIDE LIPID. PHOSPHOLIPID. ROOT GROWTH. VEGETATIVE GROWTH
616. FERGUSON, W. S.; HEDLIN, R. A. EFFECT OF SOLUBLE SALTS ON PLANT RESPONSE TO AND ABSORPTION OF PHOSPHORUS. CAN. J. SOIL SCI. 43: 210-218. 1963. BARLEY GRAMINEAE: HORDEUM VULGARE. GREENHOUSE. SOIL. WATER CULTURE. FIELD SODIUM. CHLORIDE. MAGNESIUM. SULFATE. PHOSPHATE VEGETATIVE GROWTH. PHOSPHORUS UPTAKE
617. FERNANDEZ CALDAS, E.; PEREZ GARCIA, V.; BORGES PEREZ, A. TOLERANCE DU BANANIER AUX EAUX BICARBONATEES (EAUX SOUTERRAINES DE TENERIFE). TOLERANCE OF THE BANANA PLANT TO BICARBONATE IRRIGATION WATER (SUBTERRANEAN WATER IN TENERIFE). (FRE). FRUITS (PARIS) 26: 5-13. 1971. BANANA MUSACEAE: MUSA. SOIL. FIELD BICARBONATE. SODIUM ADSORPTION RATIO. SALINE SOIL. ALKALINE SOIL LEAF INJURY
618. FERNANDEZ, F. G.; CARO, M.; CERDA, A. INFLUENCE OF NaCl IN THE IRRIGATION WATER ON YIELD AND QUALITY OF SWEET PEPPER (CAPSICUM ANNUUM). PLANT SOIL 46: 405-411. 1977. SOLANACEAE: CAPSICUM ANNUUM. SOIL. FIELD PLOT VARIETY. SODIUM. CHLORIDE FRUIT QUALITY
619. FERNANDEZ, F. G.; CARO, M.; CERDA, A. INFLUENCIA DEL CLORURO SODICO SOBRE LA GERMINACION DE SEMILLAS DE TOMATE (LYCOPERSICON ESCULENTUM). THE EFFECT OF SODIUM CHLORIDE ON SEED GERMINATION IN TOMATOES (LYCOPERSICON ESCULENTUM). (SPA). REVISTA DE AGROQUIMICA Y TECNOLOGIA DE ALIMENTOS 15: 591-599. 1975. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. GERMINATION DISHES. WATER CULTURE SODIUM. CHLORIDE. VARIETY GERMINATION
620. FICHERA, P.; DI GIORGI, M. C. NUOVI ORIENTAMENTI SULL'UTILIZZAZIONE DELLE ACQUE SALINE. I. L'INFLUENZA DEL RAPPORTO POTASSIO-SODIO SU COLTIVE SALINO-SENSIBILI (PHASEOLUS VULGARIS L.). RECENT INVESTIGATIONS ON THE UTILIZATION OF SALINE WATERS. I. THE EFFECT OF POTASSIUM SODIUM RATIO ON A SALT-SUSCEPTIBLE CROP (PHASEOLUS VULGARIS L.). (ITA). AGROCHIMICA 8: 179-188. 1964. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. SOIL SULFATE. POTASSIUM. SALINE WATER. SODIUM LEAF INJURY
621. FIELD, C. D. SALT TOLERANCE IN HALOPHYTES. NATURE 264: 510-511. 1976. SALTEBUSH: CORDGRASS: SEA BLITE GRAMINEAE: SPARTINA TOWNSENDII: CHENOPODIACEAE: ATRIPLEX SPONGIOSA. SUAEDA MONOICA. SUAEDA MARITIMA.
622. FINCK, A. PFLANZENWACHSTUM AUF SALZBODEN: ASPEKTE DER PHYSIOLOGIE UND DUNGUNG. PLANT GROWTH ON SALTY SOILS: ASPECTS OF PHYSIOLOGY AND FERTILIZATION. (GER: ENG SUM). Z. BEWASSERUNGSWIRTSCH 10: 47-62. 1975.
623. FINCK, A.; SCHLEIFF, U. SALT TOLERANCE OF CROPS UNDER ECOLOGICAL CONDITIONS IN SOUTHERN ITALY WITH SPECIAL REFERENCE TO HIGH MAGNESIUM CONTENT IN SOILS. INTER. SYMP. SALT AFFECTED SOILS. CAIRO: 627-633. 1972. WHEAT: BEAN. BROAD

- GRAMINEAE: TRITICUM AESTIVUM; LEGUMINOSAE: VICIA FABA. SOIL. WATER CULTURE. FIELD PLOT MAGNESIUM, OSMOTIC PRESSURE. SALINE SOIL MINERAL COMPOSITION. VEGETATIVE GROWTH
624. FIREMAN, M.; HAYWARD, H. E. INDICATOR SIGNIFICANCE OF SOME SHRUBS IN THE ESCALANTE DESERT, UTAH. BOT. GAZ. 114: 143-155. 1952. SAGEBRUSH; SHADSCALE; GREASEWOOD COMPOSITAE: ARTEMISIA TRIDENTATA; CHENOPODIACEAE: ATRIPLEX CONFERTIFOLIA, SARCOBATUS VERMICULATUS. FIELD. SOIL SALINE SOIL. EXCHANGEABLE SODIUM PERCENTAGE ECOLOGY. SALT TOLERANCE
625. FIRMIN, R. FORESTRY TRIALS WITH HIGHLY SALINE OR SEA WATER IN KUWAIT. IN SALINE IRRIGATION FOR AGRICULTURE AND FORESTRY. BOYKO, H. (ED.). W. JUNK PUBLISHERS, THE HAGUE: 107-132. 1968. TREE; SHRUB; HALOPHYTE FIELD SEA WATER SALT TOLERANCE
626. FISHER, K. J. SPECIFIC ION EFFECTS OF CERTAIN EXCESS SOLUBLE SALTS ON THE GROWTH AND DEVELOPMENT OF GLASSHOUSE TOMATOES GROWN IN NUTRIENT CULTURE. J. HORT. SCI. 42: 240-252. 1967. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. WATER CULTURE. GREENHOUSE. POT SODIUM, POTASSIUM, MAGNESIUM, CHLORIDE, SULFATE, NITRATE VEGETATIVE GROWTH
627. FLECK, B. C. A NOTE ON THE PERFORMANCE OF AGROPYRON ELONGATUM (HOST.) BEAUV. AND PUCCINELLIA (PARL.) SP. IN REVEGETATION OF SALINE AREAS. J. SOIL CONS. NSW 23: 261-269. 1967. WHEATGRASS, TALL GRAMINEAE: AGROPYRON ELONGATUM, PUCCINELLIA. FIELD PLOT FERTILIZER, MULCHING, SALINE SOIL VEGETATIVE GROWTH
628. FLOWERS, S. VEGETATION OF THE GREAT SALT LAKE REGION. BOT. GAZ. 95: 353-418. 1934 SALT TOLERANCE, ECOLOGY
629. FLOWERS, S.; EVANS, F. R. THE FLORA AND FAUNA OF THE GREAT SALT LAKE REGION, UTAH. IN SALINITY AND ARIDITY: NEW APPROACHES TO OLD PROBLEMS. BOYKO, H. (ED.) JUNK PUBLISHERS, THE HAGUE. 367-393. 1966. NATIVE-VEGETATION CHENOPODIACEAE: SALICORNIA RUBRA, SALICORNIA UTAHENSIS, SUAEDA ERRECTA, ALLENROLFEA OCCIDENTALIS, ATRIPLEX HASTATA, ATRIPLEX ARGENTEA, ATRIPLEX CONFERTIFOLIA, SARCOBATUS VERMICULATUS; GRAMINEAE: DISTICHLIS STRICTA. FIELD, SOIL SODIUM, CHLORIDE, SULFATE, BICARBONATE SALT TOLERANCE, ECOLOGY
630. FLOWERS, T. J. THE EFFECT OF SODIUM CHLORIDE ON ENZYME ACTIVITIES FROM FOUR HALOPHYTE SPECIES OF CHENOPODIACEAE. PHYTOCHEM. 11: 1891-1886. 1972. CHENOPODIACEAE: SALICORNIA RAMOSISSIMA, SUAEDA MARITIMA, HALIMIONE PORTULACCIDES, BETA VULGARIS. FIELD SEA WATER, SODIUM, CHLORIDE MALATE DEHYDROGENASE, GLUCOSE-6-PHOSPHATE DEHYDROGENASE, PEROXIDASE, ADENOSINE TRIPHOSPHATASE
631. FLOWERS, T. J. SALT TOLERANCE IN SUAEDA MARITIMA (L.) DUM. A COMPARISON OF MITOCHONDRIA ISOLATED FROM GREEN TISSUES OF SUAEDA AND PISUM. J. EXPT. BOT. 25: 101-110. 1974. PEA; SEA BLITE LEGUMINOSAE: PISUM SATIVUM; CHENOPODIACEAE: SUAEDA MARITIMA. GROWTH CHAMBER, SAND SODIUM, CHLORIDE MITOCHONDRIA, OXYGEN UPTAKE
632. FLOWERS, T. J. SALT TOLERANCE IN SUAEDA MARITIMA (L.) DUM. THE EFFECT OF SODIUM CHLORIDE ON GROWTH, RESPIRATION, AND SOLUBLE ENZYMES IN A COMPARATIVE STUDY WITH PISUM SATIVUM (L.). J. EXPT. BOT. 23: 310-321. 1972. PEA; SEA BLITE LEGUMINOSAE: PISUM SATIVUM; CHENOPODIACEAE: SUAEDA MARITIMA. GROWTH CHAMBER, SAND SODIUM, CHLORIDE MALATE DEHYDROGENASE, GLUCOSE-6-PHOSPHATE DEHYDROGENASE, PEROXIDASE, ACID PHOSPHATASE, RESPIRATION, OXYGEN UPTAKE, VEGETATIVE GROWTH, ENZYME
633. FLOWERS, T. J.; HALL, J. L.; WARD, M. E. SALT TOLERANCE IN THE HALOPHYTE SUAEDA MARITIMA. FURTHER PROPERTIES OF THE ENZYME MALATE DEHYDROGENASE. PHYTOCHEMISTRY 15: 1231-1234. 1976. GLASSWORT; PEA CHENOPODIACEAE: SUAEDA MARITIMA; LEGUMINOSAE: PISUM SATIVUM. SAND SODIUM, CHLORIDE, AMMONIUM, POTASSIUM, RUBIDIUM, CALCIUM, MAGNESIUM, NITRATE ENZYME ACTIVITY, MALATE DEHYDROGENASE
634. FLOWERS, T. J.; WARD, M. E.; HALL, J. L. SALT TOLERANCE IN THE HALOPHYTE SUAEDA MARITIMA: SOME PROPERTIES OF MALATE DEHYDROGENASE. PHILOS. TRANS. R. SOC. LOND. B. BIOL. SCI. 273: 523-540. 1976. GLASSWORT CHENOPODIACEAE: SUAEDA MARITIMA. SAND SODIUM, CHLORIDE ENZYME ACTIVITY, MALATE DEHYDROGENASE



635. FOGLE, V. W.; MUNNS, D. N. EFFECT OF SALINITY ON THE TIME COURSE OF WHEAT SEEDLING GROWTH. PLANT. PHYSIOL. 51: 987-988. 1973. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE SODIUM, CHLORIDE, CALCIUM ROOT GROWTH, GERMINATION
636. FOGLIATA, F. A.; ASO, P. J. EFECTOS DE LA SALINIDAD Y SODIO INTERCAMBIABLE DEL SUELO EN EL CRECIMIENTO DE LA CANA DE AZUCAR. EFFECTS OF SALINITY AND INTERCHANGEABLE SODIUM OF SOIL ON THE GROWTH OF SUGARCANE. (SPA; ENG SUM). TUCUMAN, ESTAC. EXPT. AGRIC. REV. IND. AGRIC. TUCUMAN 43: 25-45. 1963. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. FIELD. SOIL SALINE SOIL. EXCHANGEABLE SODIUM PERCENTAGE VEGETATIVE GROWTH
637. FOGLIATA, F. A.; ASO, P. J. EFECTOS DE LAS SALES SOLUBLES DEL SUELO SOBRE EL RENDIMIENTO SACARINO DE LA CANA DE AZUCAR. EFFECTS OF SOLUBLE SALTS IN THE SOIL ON THE SUCROSE CONTENT OF SUGARCANE. (SPA; ENG SUM). BOL. ESTAC. EXPT. AGRIC. TUCUMAN BULL. 97: 15 PP. 1964. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. FIELD SALINE SOIL, ALKALI SOIL, CHLORIDE, SULFATE, BICARBONATE, SODIUM, POTASSIUM VEGETATIVE GROWTH, SUGAR YIELD, CANE YIELD
638. FORSBERG, D. E. THE RESPONSE OF VARIOUS FORAGE CROPS TO SALINE SOILS. (CAN. J. AGRIC. SCI. 33: 542-549. 1953 WHEATGRASS, SLENDER; WHEATGRASS, TALL; WHEATGRASS, INTERMEDIATE; WHEATGRASS, WESTERN; WHEATGRASS, CRESTED; BROMEGRASS; WILD RYE, RUSSIAN; CANARY GRASS, REED; ALFALFA; CLOVER, SWEET; WILD RYE, CANADIAN GRAMINEAE: AGROPYRON TRACHYCAULUM, AGROPYRON ELONGATUM AGROPYRON INTERMEDIUM, AGROPYRON SMITHII, AGROPYRON DESERTORUM, AGROPYRON CRISTATUM, BROMUS INERMIS, ELYMUS JUNCEUS, ELYMUS CANADENSIS, PHALARIS ARUNDINACEA; LEGUMINOSAE: MEDICAGO SATIVA, MELILOTUS. FIELD. SOIL, GREENHOUSE ALKALI SOIL, SALINE SOIL, SULFATE, CHLORIDE
639. FOX, R. H. THE EFFECT OF CALCIUM AND PH ON BORON UPTAKE FROM HIGH CONCENTRATION OF BORON BY COTTON AND ALFALFA. SOIL SCI. 106: 435-439. 1968. COTTON; ALFALFA MALVACEAE: GOSSYPIUM BARBADENSE; LEGUMINOSAE: MEDICAGO SATIVA. POT, SAND BORON, CALCIUM LEAF INJURY, TOXICITY, BORON UPTAKE, CALCIUM UPTAKE
640. FOX, R. H. TOLERANCE OF MAIZE, COTTON, LUCERNE AND BEAN PLANTS TO HIGH CONCENTRATIONS OF WATER SOLUBLE BORON IN COASTAL SOILS OF SOUTHERN PERU. SOIL FERT. 34: 60-61. 1971. CORN; COTTON; BEAN; ALFALFA GRAMINEAE: ZEA MAYS; MALVACEAE: GOSSYPIUM; LEGUMINOSAE: MEDICAGO SATIVA, PHASEOLUS VULGARIS. SOIL BORON BORON UPTAKE
641. FRANCIET, A.; LEHCUEROU, H. THE ATRIPLEX IN TUNISIA AND NORTH AFRICA. U. N. PROGRAM FOR DEVELOPMENT -- U. N. ORGANIZATION FOR ALIMENTATION AND AGRICULTURE FO:SE/TUN 11. TECH. REPT. NO. 7: 60-63. 1971. ATRIPLEX CHENOPODIACEAE: ATRIPLEX HALIMUS, ATRIPLEX GLAUCA, ATRIPLEX CORIACEA, ATRIPLEX PORTULACOIDES, ATRIPLEX NUMMULARIA, ATRIPLEX SEMIBACCATA, ATRIPLEX CANESCENS, ATRIPLEX VESICARIA. FIELD SALINE SOIL SALT TOLERANCE
642. FRANCOIS, L. E. SALT TOLERANCE OF PROSTRATE SUMMER CYPRESS (KOCHIA PROSTRATA). AGRON. J. 68: 455-456. 1976. CYPRESS, SUMMER PROSTRATE CHENOPODIACEAE: KOCHIA PROSTRATA. GREENHOUSE, POT, SOIL SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, SULFATE MINERAL COMPOSITION
643. FRANCOIS, L. E.; BERNSTEIN, L. SALT TOLERANCE OF SAFFLOWER. AGRON. J. 56: 38-40. 1964. SAFFLOWER COMPOSITAE: CARTHAMUS TINCTORIUS. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE GERMINATION, VEGETATIVE GROWTH, MINERAL COMPOSITION, SEED YIELD
644. FRANCOIS, L. E.; GOODIN, J. R. INTERACTION OF TEMPERATURE AND SALINITY ON SUGAR BEET GERMINATION. AGRON. J. 64: 272-273. 1972. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. GROWTH CHAMBER, GERMINATION DISHES SODIUM, CALCIUM, CHLORIDE, TEMPERATURE, VARIETY GERMINATION
645. FRANCOIS, L. E.; YERMANOS, D. M.; BERNSTEIN, L. SALT TOLERANCE OF SAFFLOWER. CALIF. AGRIC. 18: 12-14. 1964. SAFFLOWER COMPOSITAE: CARTHAMUS TINCTORIUS. FIELD PLOT, SOIL SODIUM, CHLORIDE, CALCIUM SEED YIELD, OIL YIELD
646. FRANKLIN, W. T. EFFECTS OF IRRIGATION WATER SALINITY ON CORN AND BEAN YIELDS. COLO. STATE UNIV. EXPT. STA. PROG. REPT. 48: 3 PP. 1973. CORN, BEAN GRAMINEAE: ZEA MAYS; LEGUMINOSAE: PHASEOLUS VULGARIS. FIELD PLOT, SOIL SULFATE, CALCIUM SALT TOLERANCE

647. FRAPS, G. S. THE EFFECT OF SALT WATER ON RICE. TEXAS AGRIC. EXPT. STA. BULL. 122: 6 PP. 1909. RICE GRAMINEAE: ORYZA SATIVA. POT. SOIL SODIUM, CHLORIDE SALT TOLERANCE
648. FRAPS, G. S. THE EFFECT OF SALT WATER ON RICE. TEXAS AGRIC. EXPT. STA. BULL. 371: 10 PP. 1927. RICE GRAMINEAE: ORYZA SATIVA. POT. FIELD, SOIL SALINE WATER
649. FREEMAN, C. E. GERMINATION RESPONSES OF A TEXAS POPULATION OF OCOTILLO (FOUQUIERIA SPLENDENS ENGELM.) TO CONSTANT TEMPERATURE, WATER STRESS, PH, AND SALINITY. AMER. MIDLAND NATURE 89: 252-256. 1973. OCOTILLO FOUQUIERIACEAE: FOUQUIERIA SPLENDENS. GERMINATION DISHES, GROWTH CHAMBER SODIUM, CHLORIDE GERMINATION
650. FREEMAN, C. E. GERMINATION RESPONSES OF A TEXAS POPULATION OF OCOTILLO TO CONSTANT TEMPERATURE, WATER STRESS, PH AND SALINITY. J. COLO.-WYO. ACAD. SCI. 7: 23. 1972. OCOTILLO FOUQUIERIACEAE: FOUQUIERIA SPLENDENS. GERMINATION DISHES, GROWTH CHAMBER SODIUM, CHLORIDE GERMINATION
651. FREIBERG, I. A. SALT RESISTANCE OF BIRCH IN THE FOREST-STEPPE TRANSURALS. (RUS: ENG SUM). LESOVEDENIE 6: 82-85. 1969. BIRCH CORYLACEAE: BETULA PROCURVA, BETULA ALBA. FIELD SALINE SOIL SALT TOLERANCE, HYBRID, ANATOMICAL RESPONSE
652. FREIJSEN, A. H. J. GROWTH-PHYSIOLOGY, SALT TOLERANCE, AND MINERAL NUTRITION OF CENTAURIUM LITTORALE (TURNER) GILMOUR: ADAPTATIONS TO ITS OLIGOTROPHIC AND BRACKISH HABIT. ACTA BOT. NEERL. 20: 577-588. 1971. GENTIANACEAE: CENTAURIUM LITTORALE. GREENHOUSE, POT. SAND SODIUM, CHLORIDE GERMINATION, MINERAL COMPOSITION, VEGETATIVE GROWTH, ROOT GROWTH
653. FREIJSEN, A. H. J.; VAN DIJK, A. DIFFERENCES IN GROWTH RATE AND SALT TOLERANCE BETWEEN VARIETIES OF THE HALOPHYTE CENTAURIUM LITTORALE (TURNER) GILMOUR AND THEIR ECOLOGICAL SIGNIFICANCE. ACTA BOT. NEERL. 24: 7-22. 1975. GENTIANACEAE: CENTAURIUM LITTORALE. WATER CULTURE, POT. GREENHOUSE SODIUM, CHLORIDE, VARIETY VEGETATIVE GROWTH, ROOT GROWTH, MINERAL COMPOSITION
654. FRENCH, D. W. BOULEVARD TREES ARE DAMAGED BY SALT APPLIED TO STREETS. MINN. FARM AND HOME SCI. 16: 9, 22, 23. 1959. ELM, AMERICAN; BOX ELDER; BASSWOOD; MAPLE, NORWAY ULMACEAE: ULMUS AMERICANA; ACERACEAE: ACER NEGUNDO, ACER PLATANOIDES; TILIACEAE: TILIA AMERICANA. GREENHOUSE SODIUM, CALCIUM, CHLORIDE LEAF INJURY, MINERAL COMPOSITION
655. FROTA, J. N. E.; O'LEARY, J. W. CALCIUM LOSS FROM PLANT ROOTS DURING OSMOTIC ADJUSTMENT. ARIZ. ACAD. SCI. 8: 26-28. 1973. BEAN, RED KIDNEY LEGUMINOSAE: PHASEOLUS VULGARIS NUTRIENT SOLUTION, POT. GROWTH CHAMBER CALCIUM, SODIUM, CHLORIDE ION LOSS, MINERAL COMPOSITION
656. FUCHS, W. H. ZUCHTUNG AUF TROCKEN UND SALZRESISTENZ. BREEDING FOR DROUGHT AND SALT RESISTANCE. (GER: ENG SUM). INTERN. HORT. CONG. REPT. 14: 413-427. 1955. SALT TOLERANCE, GENETIC INTERACTION
657. FUJII, M. STUDIES ON THE CHARACTERS OF RICE SEEDS FROM PLANTS GROWN ON RECLAIMED TIDAL PADDY FIELDS. 2. INFLUENCE UPON THE GERMINATION FORCE UNDER SALINE WATER OF THE SEEDS EXERTED BY SALINE TREATMENTS OF THEIR PARENT PLANTS. (JAP: ENG SUM). PROC. CROP SCI. JAPAN 30: 201-205. 1962. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE SODIUM, CHLORIDE, SEA WATER GERMINATION, VEGETATIVE GROWTH, ROOT GROWTH, SEED YIELD
658. FULTS, J. GRASSES FOR SALINE AND ALKALI AREAS. PROC. 18TH ROCKY MOUNTAIN REG. TURF CONF. 44-45. 1972. BUCKWHEAT; SALTBUSSH; CORN; OATS; SALTGRASS, DESERT; BUFFALO GRASS; ALPALI GRASS, NUTTALL; BERMUDA GRASS; BENTGRASS, SEASIDE; SEA OATS; CORDGRASS, SALTMEADOW; WHEATGRASS, TALL, WHEATGRASS, SLENDER; WHEATGRASS, WESTERN; CORDGRASS; RYEGRASS. PERENNIAL; RYEGRASS, WIMMERA; SHADSCALE; GREASEWOOD; SAGE, SALT; SALTGRASS; PICKLEWEED; SAMPHIRE, RED; CORDGRASS. ALKALI; ALKALI SACATON; REED, COMMON; SCRATCHGRASS; NATIVE VEGETATION POLYGONACEAE: FAGOPYRUM, CHENOPODIACEAE: ATRIPLEX, ATRIPLEX CONFERTIFOLIA, SARCOBATUS VERMICULATUS, ATRIPLEX FALCATA, SALICORNIA RUBRA, ALLENROLFEA OCCIDENTALIS; GRAMINEAE: LOLIUM MULTIFLORUM, LOLIUM RIGIDUM, LOLIUM PERENNE, SPARTINA TOWNSENDII, ALOPECURUS ARUNDINACEUS, AGROPYRON SMITHII, AGROPYRON TRACHYCAULUM, AGROPYRON ELONGATUM, SPARTINA PATENS, UNIOLA PANICULATA.

- POA, PUCCINELLIA LEMMONII, ZEA MAYS, AVENA SATIVA, DISTICHLIS STRICTA, EUCHLOE DACTYLOIDES, PUCCINELLIA DISTANS, PUCCINELLIA AIROIDES, DISTICHLIS SPICATA, SPARTINA GRACILIS, SPOROBOLUS AIROIDES, PHRAGMITES COMMUNIS, MUHLENBERGIA ASPERIFOLIA. SOIL, FIELD, SALINE SOIL, ALKALI SOIL, SODIUM, CHLORIDE, VEGETATIVE GROWTH
659. FURR, J. R.; ARMSTRONG, W. W., JR. THE RELATION OF GROWTH, YIELD, AND FRUIT QUALITY OF DEGLET NOOR DATES TO VARIATION IN WATER AND NITROGEN SUPPLY AND TO SALT ACCUMULATION IN THE SOIL. DATE GROWERS INSTITUTE REPT. 36: 16-18. 1959. DATE PALM, PALMACEAE: PHOENIX DACTYLIFERA. FIELD PLOT, SOIL, NITROGEN, SALINE WATER, FRUIT QUALITY, VEGETATIVE GROWTH
660. FURR, J. R.; ARMSTRONG, W. W., JR. A TEST OF MATURE HALAWAY AND MEDJOL DATE PALMS FOR SALT TOLERANCE. 39TH ANN. DATE GROWERS' INSTITUTE (COACHELLA VALLEY) 39: 11-13. 1962. DATE PALM, PALMACEAE: PHOENIX DACTYLIFERA. FIELD PLOT, SOIL, SODIUM, CALCIUM, CHLORIDE, VEGETATIVE GROWTH, FRUIT QUALITY, CHLORIDE UPTAKE
661. FURR, J. R.; REAM, C. L. BREEDING AND TESTING ROOTSTOCKS FOR SALT TOLERANCE. CALIF. CITRUS 54: 30-35. 1968. CITRUS, RUTACEAE: CITRUS. FIELD PLOT, SOIL, ROOTSTOCK, SODIUM, CALCIUM, CHLORIDE, SALT TOLERANCE, HYBRID, GENETIC INTERACTION
662. FURR, J. R.; REAM, C. L. BREEDING CITRUS ROOTSTOCKS FOR SALT TOLERANCE. 1ST INTER. CITRUS SYMP. 1: 373-380. 1969. ORANGE, TRIFOLIATE; POMELO; ORANGE, SOUR; CITRANGE; CITRUMELO; MANDARIN, TANGERINE; GRAPEFRUIT; LIME; LEMON, ROUGH. RUTACEAE: PONCIRUS TRIFOLIATA, CITRUS GRANDIS, CITRUS MACROPHYLLA, CITRUS AURANTIUM, CITRUS RETICULATA, CITRUS LIMONIA, CITRUS PARADISI, CITRUS JAMBHIRI, CITRUS DEPRESSA, CITRUS SUNKI, CITRUS SINENSIS X PONCIRUS TRIFOLIATA, CITRUS PARADISI X PONCIRUS TRIFOLIATA. FIELD PLOT, SODIUM, CHLORIDE, CALCIUM, CHLORIDE UPTAKE, LEAF INJURY, GENETIC INTERACTION, INHERITANCE
663. FURR, J. R.; REAM, C. L. GROWTH AND SALT UPTAKE OF DATE SEEDLINGS IN RELATION TO SALINITY OF THE IRRIGATION WATER. DATE GROWERS' INST. REPT. 44: 2-4. 1967. DATE PALM, PALMACEAE: PHOENIX DACTYLIFERA. POT, VERMICULITE, PEAT MOSS, GREENHOUSE, SODIUM, CALCIUM, CHLORIDE, VARIETY, CHLORIDE UPTAKE, SODIUM UPTAKE, SEEDLING GROWTH
664. FURR, J. R.; REAM, C. L. SALINITY EFFECTS ON GROWTH AND SALT UPTAKE OF SEEDLINGS OF THE DATE, PHOENIX DACTYLIFERA L. PROC. AMER. SOC. HORT. SCI. 92: 268-273. 1968. DATE PALM, PALMACEAE: PHOENIX DACTYLIFERA. POT, PEAT MOSS, SAND, GREENHOUSE, SODIUM, CALCIUM, CHLORIDE, SEEDLING GROWTH, CHLORIDE UPTAKE, SODIUM UPTAKE
665. FURR, J. R.; REAM, C. L. SHOOT GROWTH OF "VALENCIA" ORANGE IN RELATION TO SALINITY AND SALT ACCUMULATION. AMER. SOC. HORT. SCI. 93: 153-158. 1968. ORANGE, SWEET; ORANGE, SOUR. RUTACEAE: CITRUS SINENSIS, CITRUS AURANTIUM. PEAT MOSS, VERMICULITE, POT, GREENHOUSE, SODIUM, CALCIUM, CHLORIDE, CHLORIDE UPTAKE, SODIUM UPTAKE, SEEDLING GROWTH
666. FURR, J. R.; REAM, C. L.; BALLARD, A. L. GROWTH OF YOUNG DATE PALMS IN RELATION TO SOIL SALINITY AND CHLORIDE CONTENT OF THE PINNAE. 43RD ANN. DATE GROWERS' INSTITUTE (COACHELLA VALLEY) 43: 4-8. 1966. DATE PALM, PALMACEAE: PHOENIX DACTYLIFERA. FIELD PLOT, SOIL, CHLORIDE, SODIUM, CALCIUM, SEEDLING GROWTH, CHLORIDE UPTAKE, SODIUM UPTAKE
667. FURUTA, T. BORON TOXICITY ON PINK PERFECTION CAMELLIA. ASSOC. SOUTH. AGRIC. WORKERS PROC. 51: 140-141. 1954. CAMELLIA, THEACEAE: CAMELLIA. POT, SOIL, SODIUM, BORON, TOXICITY, LEAF INJURY
668. GABR, A. I.; EL SAIDI, M. T.; EL KADI, M.; KORTAM, M. A. THE RESPONSE OF CELL SAP CONCENTRATION AND WATER CONTENT IN COTTON LEAVES TO DIFFERENT COMBINATIONS OF SOIL SALINITY AND NITROGEN LEVELS. Z. Acker Pflanzbau 141: 197-204. 1975. COTTON, MALVACEAE: GOSSYPIMUM BARBADENSE. POT, SOIL, GREENHOUSE, NITROGEN, SODIUM, SULFATE, CHLORIDE, AMMONIUM, NITRATE, CELL SAP CONCENTRATION, WATER CONTENT
669. GABR, A. I.; ELKADI, M.; EL-SAIDI, M. T.; KERTAM, M. A. THE COMBINED EFFECT OF SOIL SALINITY AND NITROGEN LEVELS ON DRY MATTER ACCUMULATION AND YIELD OF COTTON PLANTS. Z. Acker Pflanzbau 141: 151-159. 1975. COTTON, MALVACEAE: GOSSYPIMUM BARBADENSE. GREENHOUSE, POT, SOIL, NITROGEN, FERTILIZER, SODIUM, SULFATE, CHLORIDE, VEGETATIVE GROWTH

670. GABRIELS, R. TOLERANCE AUX SELS DES CULTURES AGRICOLES ET HORTICOLES. SALT TOLERANCE OF AGRICULTURAL AND HORTICULTURAL CROPS. (FRE; ENG SUM). REV. AGRIC. 25: 53-72. 1972. NATIVE VEGETATION; GRASS; SHRUB; VEGETABLE; FORAGE CROP; LEGUME; FRUIT TREE; TREE; FLOWER; GRAIN CROP; VINE
671. GADZHIEV, A. SH. SALT TOLERANCE OF ORNAMENTAL PLANTS IN APSHERON. (RUS). MOSCOW GLAV. BOT. SAD. B. 13: 15-19. 1952. TREE; SHRUB MYRTACEAE: EUCALYPTUS; RHAMNACEAE: ZIZIPHUS, RHAMNUS; TAMARICACEAE: TAMARIX; SAXIFRAGACEAE: RIBES; LENTIBULARIACEAE: UTRICULARIA; VITACEAE: VITIS; CAPRIFOLIACEAE: LONICERA; PITTOSPORACEAE: PITTOSPORUM; CELASTRACEAE: EUONYMUS; FAGACEAE: QUERCUS; LAURACEAE: LAURUS; SALICACEAE: SALIX; LEGUMINOSAE: SOPHORA, ULEX, GLEDITSIA, ACACIA, AMORPHA; MORACEAE: FICUS, MORUS, MACLURA; ROSACEAE: FRUNUS, SPIRAEA, CRATAEGUS, ROSA, PYRUS; ANACARDIACEAE: PISTACIA, RHUS, COTINUS, SIMAROUBACEAE: AILANTHUS; PINACEAE: PINUS; PUNICACEAE: PUNICA; SOLANACEAE: LYCIUM; LABIATAE: THYMUS, ROSMARINUS; ARALIACEAE: HEDERA; CUPRESSACEAE: CUPRESSUS, CHAMAECYPARIS; OLEACEAE: FONTANESIA, LIGUSTRUM, OLEA; MELIACEAE: MELIA; COMPOSITAE: SANTOLINA; APOCYNACEAE: NERIUM; AGAVACEAE: YUCCA; ACERACEAE: ACER. FIELD SODIUM, SULFATE SALT TOLERANCE
672. GAENKO, O. N.; JANUMOV, D. A.; VESELOVSKII, V. A.; TARUSOV, B. N. PRIMARY PHYSICO-CHEMICAL INJURIES IN CHLOROPLASTS AFFECTED WITH TOXIC CONCENTRATIONS OF NaCl. (RUS; ENG SUM). S-KH. BIOL. 10: 849-853. 1975. FEA LEGUMINOSAE: PISUM SATIVUM. SODIUM, CHLORIDE, TEMPERATURE LUMINESCENCE, PHOTOSYNTHESIS, MINERAL COMPOSITION, LEAF INJURY
673. GAIDAMAKINA, G. F. CHANGE IN ACTIVITY OF CYTOCHROMOXIDASE IN CELLS OF SEEDLING ROOTLETS OF SUNFLOWER AND BARLEY UNDER SALINE CONDITIONS. (UKR; ENG SUM). UKR. BOT. ZH. 27: 516-518. 1970. SUNFLOWER; BARLEY COMPOSITAE: HELIANTHUS ANNUUS; GRAMINEAE: HORDEUM VULGARE. ENZYME ACTIVITY, CYTOCHROME OXIDASE
674. GALE, J. THE COMBINED EFFECT OF ENVIRONMENTAL FACTORS AND SALINITY OF PLANT GROWTH. IN PLANTS IN SALINE ENVIRONMENTS. ECOLOGICAL STUDIES 15. POLJAKOFF-MAYBER, A. AND GALE, J. (EDS.). SPRINGER VERLAG, NEW YORK: 186-192. 1975. TEMPERATURE, LIGHT, HUMIDITY, SALINITY
675. GALE, J. WATER BALANCE AND GAS EXCHANGE OF PLANTS UNDER SALINE CONDITIONS. IN PLANTS IN SALINE ENVIRONMENTS. ECOLOGICAL STUDIES 15. POLJAKOFF-MAYBER, A. AND GALE, J. (EDS.). SPRINGER VERLAG, NEW YORK: 168-185. 1975. HORMONES, WATER POTENTIAL, PHOTOSYNTHESIS, RESPIRATION
676. GALE, J.; KOHL, H. C.; HAGAN, M. CHANGES IN THE WATER BALANCE AND PHOTOSYNTHESIS OF ONION, BEAN, AND COTTON PLANTS UNDER SALINE CONDITIONS. PHYSIOL. PLANT 20: 408-420. 1967. ONION; BEAN; COTTON AMARYLLIDACEAE: ALLIUM CEPA; LEGUMINOSAE: PHASEOLUS VULGARIS; MALVACEAE: GOSSYPIMUM HIRSUTUM. VERMICULITE, GREENHOUSE CHLORIDE, SODIUM, CALCIUM OSMOTIC POTENTIAL, PHOTOSYNTHESIS, WATER BALANCE, RESPIRATION
677. GALE, J.; NAAMAN, R.; POLJAKOFF-MAYBER, A. GROWTH OF ATRIPLEX HALIMUS L. IN SODIUM CHLORIDE SALINATED CULTURE SOLUTIONS AS AFFECTED BY THE RELATIVE HUMIDITY OF THE AIR. AUST. J. BIOL. SCI. 23: 947-952. 1970. SALT BUSH CHENOPODIACEAE: ATRIPLEX HALIMUS. WATER CULTURE, GROWTH CHAMBER, POT HUMIDITY, SODIUM CHLORIDE VEGETATIVE GROWTH
678. GALE, J.; POLJAKOFF-MAYBER, A. INTERRELATIONS BETWEEN GROWTH AND PHOTOSYNTHESIS OF SALT BUSH (ATRIPLEX HALIMUS L.) GROWN IN SALINE MEDIA. AUST. J. BIOL. SCI. 23: 937-945. 1970. SALT BUSH CHENOPODIACEAE: ATRIPLEX HALIMUS. WATER CULTURE, POT, GREENHOUSE SODIUM, CHLORIDE, SULFATE TRANSPIRATION, PHOTOSYNTHESIS, OSMOTIC POTENTIAL, MORPHOLOGY, VEGETATIVE GROWTH
679. GALLAGHER, J. L. THE INFLUENCE OF SALINITY ON GROWTH MORPHOLOGY AND MINERAL COMPOSITION OF SPOROBOLUS VIRGINICUS. AMER. J. BOT. 61: 2B. 1974. GRAMINEAE: SPOROBOLUS VIRGINICUS. FIELD, SAND, WATER CULTURE SODIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION, MORPHOLOGY
680. GALLATIN, M. H. BRACKISH WATER FOR SUPPLEMENTAL IRRIGATION OF VEGETABLE CROPS. ANN. PROC. PENINSULA HORT. SCI. 53: 8 PP. 1963. VEGETABLE BRACKISH WATER, SALINE WATER
681. GALLATIN, M. H.; LUNIN, J.; BATCHELDER, A. R. BRACKISH WATER IRRIGATION OF SEVERAL VEGETABLE CROPS IN HUMID REGIONS.

- AGRON. 55: 383-386. 1963. POTATO; BEAN; ONION; TOMATO; TURNIP; PEA; CABBAGE SOLANACEAE: SOLANUM TUBEROSUM, LYCOPERSICON ESCULENTUM; LEGUMINOSAE: PHASEOLUS VULGARIS, FICUM SATIVUM; AMARYLLIDACEAE: ALLIUM CEPA; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA, BRASSICA RAPA. SOIL, FIELD PLOT BRACKISH WATER CROP QUALITY, MINERAL COMPOSITION
682. GANDHI, S. C.; MEHTA, B. V. STUDIES ON BORON DEFICIENCY AND TOXICITY SYMPTOMS IN SOME COMMON CROPS OF GUJARAT. INDIAN J. AGRIC. SCI. 29: 63-70. 1959. BEAN, HYACINTH; TOBACCO; ONION; GUAR; MILLET, PEARL SOLANACEAE: NICOTIANA TABACUM; AMARYLLIDACEAE: ALLIUM CEPA; LEGUMINOSAE: DOLICHOS LABLAB, CYAMOPSIS PSORALOIDES; GRAMINEAE: PENNISETUM TYPHOIDES. SAND, POT POTASSIUM, CALCIUM, NITRATE, MAGNESIUM, SULFATE, BORON LEAF INJURY, TOXICITY, BORON DEFICIENCY, VEGETATIVE GROWTH
683. GARBER, K. UBER DIE BEDEUTUNG DER SALZAEROSOLE IN DER LUFT FUR DIE PFLANZEN. ON THE SIGNIFICANCE OF AIR-BORNE SALT FOR PLANTS. (GER). ZENTRALBL. BIOL. AEROSOLFORSCH. 12: 24-33. 1964. BEGONIA; LUPINE, YELLOW; SPRUCE, NORWAY; JUNIPER; FIR, SILVER; YEW; PINE, SCOTS PINACEAE: PINUS SYLVESTRIS, ABIES PECTINATA, ABIES ALBA, PICEA EXCELSA, PICEA ABIES; TAXACEAE: TAXUS; AMARANTHACEAE: GOMPHRENA; VALERIANACEAE: VALERIANELLA; BEGONIACEAE: BEGONIA SEMPERFLORENS; LEGUMINOSAE: LUPINUS LUTEUS; CUPRESSACEAE: JUNIPERUS SQUAMROSA. FIELD, SOIL SALT SPRAY, CHLORIDE, SODIUM, FLUORIDE, POTASSIUM, SULFATE, CARBONATE, NITRATE LEAF INJURY, CHLORIDE UPTAKE
684. GARCIA, M.; MORARD, P.; BERDUCOU, J. EFFET DE LA PRESENCE DE CHLORURE DE SODIUM DANS LE MILIEU SUR LA CROISSANCE, LE DEVELOPPEMENT LA REPARTITION DU CHLORURE ET DU SODIUM CHEZ LE SORGHU-GRAIN (SORGHUM DOCHNA F.). EFFECTS OF THE PRESENCE OF SODIUM CHLORIDE IN THE ENVIRONMENT ON THE GROWTH, DEVELOPMENT AND DISTRIBUTION OF CHLORINE AND SODIUM IN GRAIN SORGHUM (SORGHUM DOCHNA F.). (FRE). BULL. SOC. HIST. NAT. TOULOUSE 111: 153-159. 1975. SORGHUM GRAMINEAE: SORGHUM BICOLOR, SORGHUM DOCHNA. WATER CULTURE SODIUM, CHLORIDE SALT TOLERANCE, VEGETATIVE GROWTH
685. GARNER, W. W.; MCMURTREY, J. E.; BOWLING, J. D. ROLE OF CHLORINE IN NUTRITION AND GROWTH OF THE TOBACCO PLANT AND ITS EFFECT ON THE QUALITY OF THE CURED LEAF. J. AGRIC. RES. 40: 627-648. 1930. TOBACCO SOLANACEAE: NICOTIANA TABACUM. FIELD CHLORIDE CROP QUALITY
686. GATES, C. T. ECOLOGICAL RESPONSE OF THE AUSTRALIAN NATIVE SPECIES ACACIA HARPOPHYLLA AND ATRIPLEX NUMMULARIA TO SOIL SALINITY: EFFECTS ON WATER CONTENT, LEAF AREA, AND TRANSPIRATION RATE. AUST. J. BOT. 20: 261-272. 1972. LEGUMINOSAE: ACACIA HARPOPHYLLA; CHENOPODIACEAE: ATRIPLEX NUMMULARIA. GREENHOUSE, SOIL, POT SODIUM, POTASSIUM, CALCIUM, MAGNESIUM, CHLORIDE VEGETATIVE GROWTH, WATER CONTENT, TRANSPIRATION
687. GATES, C. T.; HAYDOCK, K. P.; CLARINGBOLD, P. J. RESPONSES TO SALINITY IN GLYCINE. II. DIFFERENCES IN CULTIVARS OF GLYCINE GAVANICA IN DRY WEIGHT, NITROGEN, AND WATER CONTENT. AUST. J. EXPT. AGRIC. ANIM. HUSB. 6: 374-379. 1966. LEGUMINOSAE: GLYCINE JAVANICA. GREENHOUSE, WATER CULTURE POT SODIUM, CHLORIDE VEGETATIVE GROWTH, WATER CONTENT, ROOT GROWTH, NITROGEN UPTAKE
688. GATES, C. T.; HAYDOCK, K. P.; CLARINGBOLD, P. J.; ROBINS, M. F. GROWTH OF VARIETIES OF THREE SORGHUM SPECIES AT DIFFERENT SALINITY LEVELS. AUST. J. EXPT. AGRIC. ANIM. HUSB. 6: 161-169. 1966. SORGHUM GRAMINEAE: SORGHUM SUDANENSE, SORGHUM VERTICILLIFLORUM, SORGHUM ALBUM. POT, SAND VARIETY, SODIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION
689. GATES, C. T.; HAYDOCK, K. P.; LITTLE, I. P. RESPONSE TO SALINITY OF GLYCINE. 1. G. JAVANICA. AUST. J. EXPT. AGRIC. ANIM. HUSB. 6: 261-265. 1966. LEGUMINOSAE: GLYCINE JAVANICA. WATER CULTURE, POT, GREENHOUSE SODIUM, CHLORIDE MINERAL COMPOSITION, ROOT GROWTH, VEGETATIVE GROWTH, CHLORIDE UPTAKE
690. GATES, C. T.; HAYDOCK, K. P.; ROBINS, M. F. RESPONSE TO SALINITY IN GLYCINE. 4. SALT CONCENTRATION AND CONTENT OF PHOSPHORUS, POTASSIUM, SODIUM, AND CHLORIDE IN CULTIVARS OF G. WIGHTII (G. JAVANICA). AUST. J. EXPT. AGRIC. ANIM. HUSB. 10: 99-110. 1970. LEGUMINOSAE: GLYCINE WIGHTII, GLYCINE JAVANICA. GREENHOUSE, WATER CULTURE, POT SODIUM, CHLORIDE MINERAL COMPOSITION, SODIUM UPTAKE, CHLORIDE UPTAKE
691. GATES, C. T.; MUIRHEAD, W. STUDIES OF THE TOLERANCE OF ATRIPLEX SPECIES. I. ENVIRONMENTAL CHARACTERISTICS AND PLANT

- RESPONSE OF *A. VESICARIA*, *A. NUMMULARIA*, AND *A. SEMIBACCATA*. AUST. J. EXPT. AGRIC. ANIM. HUSB. 7: 39-49. 1967. CHENOPODIACEAE: *ATRIPLEX VESICARIA*, *ATRIPLEX NUMMULARIA*, *ATRIPLEX SEMIBACCATA*. FIELD SALINE SOIL VEGETATIVE GROWTH
692. GATES, D. H.; STODDART, L. A.; COOK, C. W. SOIL AS A FACTOR INFLUENCING PLANT DISTRIBUTION ON SALT-DESERTS OF UTAH. ECOL. MONO. 26: 155-175. 1956. SAGEBRUSH: SHADSCALE; SALTBUSH, NUTTALL; WINTER FAT; GREASEWOOD COMPOSITAE: *ARTEMISIA TRIDENTATA*; CHENOPODIACEAE: *ATRIPLEX CONFERTIFOLIA*, *ATRIPLEX NUTTALLII*, *EUROTIA LANATA*, *SARCOBATUS VERMICULATUS*. FIELD SALINE SOIL. BICARBONATE, CARBONATE, SULFATE, POTASSIUM, MAGNESIUM, CHLORIDE, CALCIUM, SODIUM, EXCHANGEABLE SODIUM PERCENTAGE SALT TOLERANCE
693. GAUCH, H. G.; EATON, F. M. EFFECT OF SALINE SUBSTRATE ON HOURLY LEVELS OF CARBOHYDRATE AND INORGANIC CONSTITUENTS OF BARLEY PLANTS. PLANT PHYSIOL. 17: 347-365. 1942. BARLEY GRAMINEAE: *HORDEUM VULGARE*. SAND TANK CHLORIDE, SULFATE SUGAR, STARCH, VEGETATIVE GROWTH, WATER CONTENT, CARBOHYDRATE, MINERAL COMPOSITION
694. GAUCH, H. G.; MAGISTAD, O. C. GROWTH OF STRAWBERRY CLOVER VARIETIES AND OF ALFALFA AND LADINO CLOVER AS AFFECTED BY SALT. J. AMER. SOC. AGRON. 35: 871-880. 1943. CLOVER, STRAWBERRY; ALFALFA; CLOVER, LADINO LEGUMINOSAE: *TRIFOLIUM FRAGIFERUM*, *MEDICAGO SATIVA*, *TRIFOLIUM REPENS*. WATER CULTURE SODIUM, CHLORIDE
695. GAUCH, H. G.; WADLEIGH, C. H. EFFECT OF HIGH CONCENTRATIONS OF SODIUM, CALCIUM, CHLORIDE, AND SULFATE ON IONIC ABSORPTION BY BEAN PLANTS. SOIL SCI. 59: 139-152. 1945. BEAN LEGUMINOSAE: *PHASEOLUS VULGARIS*. WATER CULTURE SODIUM, CALCIUM, CHLORIDE, SULFATE MINERAL COMPOSITION, VEGETATIVE GROWTH
696. GAUCH, H. G.; WADLEIGH, C. H. EFFECT OF HIGH SALT CONCENTRATIONS ON GROWTH OF BEAN PLANTS. BOT. GAZ. 105: 379-387. 1944. BEAN LEGUMINOSAE: *PHASEOLUS VULGARIS*. WATER CULTURE SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, LEAF INJURY, ROOT GROWTH
697. GAUCH, H. G.; WADLEIGH, C. H. THE INFLUENCE OF SALINE SUBSTRATES UPON THE ABSORPTION OF NUTRIENTS BY BEAN PLANTS. PROC. AMER. SOC. HORT. SCI. 41: 365-369. 1942. BEAN LEGUMINOSAE: *PHASEOLUS VULGARIS*. WATER CULTURE, POT SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION
698. GAUCH, H. G.; WADLEIGH, C. H. SALT TOLERANCE AND CHEMICAL COMPOSITION OF RHODES AND DALLIS GRASSES GROWN IN SAND CULTURES. BOT. GAZ. 112: 259-271. 1951. RHODES GRASS; DALLIS GRASS GRAMINEAE: *CHLORIS GAYANA*, *PASPALUM DILATATUM*. SAND CULTURE SODIUM, CALCIUM, MAGNESIUM, SULFATE, NITRATE, CHLORIDE, BICARBONATE VEGETATIVE GROWTH, LEAF INJURY, MINERAL COMPOSITION
699. GAUR, B. L.; TOMAR, D. S. EFFECT OF SALINITY ON THE GERMINATION OF SUNFLOWER (*HELIANTHUS ANNUUS* L.) VARIETIES. SCI. CULT. 41: 429-430. 1975. SUNFLOWER COMPOSITAE: *HELIANTHUS ANNUUS*. GERMINATION DISHES VARIETY, SODIUM, CHLORIDE GERMINATION
700. GAUR, Y. D. PRELIMINARY STUDIES ON THE PERFORMANCE OF GRAPE VINES IN RELATION TO SALINE WATER IN ARID ZONE. SCI. CULT. 32: 600-601. 1966. GRAPE VITACEAE: *VITIS*. FIELD, SOIL SALINE WATER VEGETATIVE GROWTH
701. GAUSMAN, H. W. SALT TOLERANCE OF FIVE GRASSES. TEX. AGRIC. EXPT. STA. PROG. REPT. 1620: 4 PP. 1953. RHODES GRASS; GRASS; BERMUDA GRASS; ANGLETON GRASS; BUFFEL GRASS; PANIC GRASS, BLUE GRAMINEAE: *CHLORIS GAYANA*, *PANICUM ANTIDOTALE*, *CYNODON DACTYLON*, *ANDROPOGON NODOSUS*, *PENNISETUM GILIARE*. FIELD PLOT, SOIL CALCIUM, SODIUM, CHLORIDE VEGETATIVE GROWTH
702. GAUSMAN, H. W.; BAUR, P. S.; PORTERFIELD, M. P.; CARDENAS, R. EFFECTS OF SALT TREATMENTS OF COTTON PLANTS (*GOSSYPIMUM HIRSUTUM* L.) ON LEAF MESOPHYLL CELL MICROSTRUCTURES. AGRON. J. 64: 133-136. 1972. COTTON MALVACEAE: *GOSSYPIMUM HIRSUTUM*. SAND, POT, GROWTH CHAMBER SODIUM, CHLORIDE LEAF WATER CONTENT, ANATOMICAL RESPONSE, VEGETATIVE GROWTH
703. GAUSMAN, H. W.; CARDENAS, R. EFFECT OF SOIL SALINITY ON EXTERNAL MORPHOLOGY OF COTTON LEAVES. AGRON. J. 60: 566-567.

1968. COTTON MALVACEAE: GOSSYPIMUM HIRSUTUM. FIELD SALINE SOIL. SODIUM. CHLORIDE MORPHOLOGY. HISTOLOGY. ANATOMICAL RESPONSE
704. GAUSMAN, H. W.; COWLEY, W. R.; BARTON, J. H. REACTION OF SOME GRASSES TO ARTIFICIAL SALINIZATION. AGRON. J. 46: 412-414. 1954. GRASS: RHODES GRASS; PANIC GRASS. BLUE; BERMUDA GRASS; ANGLETON GRASS; BUFFEL GRASS GRAMINEAE: CHLORIS GAYANA. PANICUM ANTIDOTALE. CYNODON DACTYLON. ANDROPOGON NODOSUS. PENNISETUM CILIARE. FIELD PLOT. SOIL CALCIUM. SODIUM. CHLORIDE VEGETATIVE GROWTH. SODIUM UPTAKE. CALCIUM UPTAKE. MINERAL COMPOSITION
705. GENERALOVA, L. G. EFFECT OF DEGREE OF SOLONETZIZATION OF SOIL ON THE TREE GROWTH IN POT EXPERIMENTS. SOVIET SOIL SCI. 8: 875-879. 1960. ACACIA. WHITE; LOCUST. HONEY; OAK. ENGLISH; LARCH. SIBERIAN LEGUMINOSAE: ACACIA. GLEDITSIA TRIACANTHOS; FAGACEAE: QUERCUS ROBUR; PINACEAE: LARIX SIBIRICA. POT. SOIL SOIL TYPE. SOLONETZ. DARK CHESTNUT SOIL. CALCIUM. MAGNESIUM. SODIUM. POTASSIUM. CHLORIDE. SULFATE VEGETATIVE GROWTH. ROOT GROWTH
706. GENKEL, P. A. INCREASING THE SALT-TOLERANCE OF PLANTS IN SULPHATE SALT-AFFECTED SOILS. (RUS; ENG SUM). IZV. AKAD. NAUK. U.S.S.R. SER. BIOL. 4: 550-561. 1960. SUNFLOWER; MILLET COMPOSITAE: HELIANTHUS ANNUUS. GRAMINEAE: ELEUSINE. POT. SOIL SEED PRETREATMENT. SULFATE. CHLORIDE. MAGNESIUM. SODIUM. CALCIUM SALT TOLERANCE. LEAF INJURY. VEGETATIVE GROWTH. CYTOLOGY. STARCH
707. GENKEL, P. A. METHODS OF STUDY OF SALT-RESISTANCE IN PLANTS. (RUS; ENG SUM). SEL'SKOKHOZ BIOL. 5: 292-301. 1970.
708. GENKEL, P. A. THE PHYSIOLOGY OF ADAPTATION TO SALINITY IN PLANTS. (RUS). MOSKVA-LENINGRAD. IZDATE L'STVO AKAD. NAUK. SSSR: 406-426. 1950.
709. GENKEL, P. A. SALT TOLERANCE OF PLANTS AND WAYS TO INCREASE IT. MOSKVA. AKAD. NAUK. TIMIRYAZEVSKIE CHTENIYA XII. SSSR: 82 PP. 1954. COMPOSITAE: ARTEMISIA MARITIMA. ASTER TRIPOLIUM. SAUSSUREA CRASSIFOLIA; CHENOPODIACEAE: SUAEDA CORNICULATA. SALICORNIA HERBACEA. ATRIPLEX VERRUCIFERA; PLANTAGINACEAE: PLANTAGO SALSA. PLANTAGO MARITIMA. PLANTAGO CORNUTI; PLUMBAGINACEAE: STATICE GMELINII; LEGUMINOSAE: GLYCYPHIZA. SODIUM. CALCIUM. MAGNESIUM. CHLORIDE
710. GENKEL, P. A.; AZIZBEKOVA, Z. S. RESULTS OF AN EXTENSIVE INDUSTRIAL EXPERIMENT IN INTRODUCING A METHOD OF CONTROLLED IMPROVEMENT OF SALT RESISTANCE OF COTTON. (RUS). FIZIOL. RAST. 2: 90-92. 1955. COTTON MALVACEAE: GOSSYPIMUM. SODIUM. CHLORIDE. SEED PRETREATMENT VEGETATIVE GROWTH. FLOWERING. LINT YIELD
711. GENKEL, P. A.; KOLOTOVA, S. S. ON INCREASING THE SALT RESISTANCE OF PLANTS BY PRESOWING TREATMENT. (RUS; ENG SUM). IZV. AKAD. NAUK. USSR. SERIYA BIOL.: 474-483. 1940 WHEAT GRAMINEAE: TRITICUM AESTIVUM. FIELD. SOIL SODIUM. CHLORIDE. SALINE WATER. SALINE SOIL CHLORIDE UPTAKE. OSMOTIC PRESSURE
712. GENKEL, P. A.; KOLOTOVA, S. S.; SHCHERBAKOV, N. N. ABSORPTION OF SALTS BY COTTON PLANTS FROM CONCENTRATED SOLUTIONS. DOKLADY AN SSSR 42: 33-37. 1944. COTTON MALVACEAE: GOSSYPIMUM HIRSUTUM. WATER CULTURE SODIUM. CHLORIDE. SULFATE. SEED PRETREATMENT CHLORIDE UPTAKE. SULFATE UPTAKE
713. GENKEL, P. A.; SOLOV'EV, V. A. ACCUMULATION AND DISTRIBUTION OF SODIUM AND POTASSIUM IN PUMPKIN PLANTS EXPOSED TO NaCl AND Na2SO4. SOVIET PLANT PHYSIOL 15: 437-443. 1968. PUMPKIN CUCURBITACEAE: CUCURBITA PEPO. WATER CULTURE. POT SODIUM. CHLORIDE. SULFATE VEGETATIVE GROWTH. LEAF INJURY. ROOT GROWTH
714. GEORGE, L. Y. ACCUMULATION OF SODIUM AND CALCIUM BY SEEDLINGS OF SOME CEREAL CROPS UNDER SALINE CONDITIONS. AGRON. J. 59: 297-299. 1967. BARLEY; WHEAT; RICE GRAMINEAE: HORDEUM VULGARE. TRITICUM AESTIVUM. ORYZA SATIVA. GERMINATION DISHES SODIUM. CALCIUM. CHLORIDE SODIUM UPTAKE. CALCIUM UPTAKE
715. GEORGE, L. Y.; WILLIAMS, W. A. GERMINATION AND RESPIRATION OF BARLEY, STRAWBERRY CLOVER, AND LADINO CLOVER SEEDS IN SALT SOLUTIONS. CROP SCI. 4: 450-452. 1964. BARLEY; CLOVER. STRAWBERRY; CLOVER. LADINO GRAMINEAE: HORDEUM VULGARE; LEGUMINOSAE: TRIFOLIUM FRAGIFERUM. TRIFOLIUM REPENS. GERMINATION DISHES. GROWTH CHAMBER SODIUM. CHLORIDE. CALCIUM. SULFATE GERMINATION. RESPIRATION

716. GERALDSON, C. M. SOIL SOLUBLE SALTS - DETERMINATION OF THE ASSOCIATION WITH PLANT GROWTH. FLA. STATE HORT. SOC. PROC. 70: 121-126. 1957. VEGETABLE SALT TOLERANCE
717. GERARD, C. J. INFLUENCE OF OSMOTIC POTENTIAL, TEMPERATURE, AND CALCIUM ON GROWTH OF PLANT ROOTS. AGRON. J. 63: 555-558. 1971. PEA: COTTON LEGUMINOSAE: PISUM SATIVUM; MALVACEAE: GOSSYPIUM HIRSUTUM. WATER CULTURE, POT SODIUM, CHLORIDE, SUCROSE, CALCIUM, TEMPERATURE, OSMOTIC PRESSURE ROOT GROWTH, VEGETATIVE GROWTH, CALCIUM UPTAKE
718. GERARD, C. J.; HINOJOSA, E. CELL WALL PROPERTIES OF COTTON ROOTS AS INFLUENCED BY CALCIUM AND SALINITY. AGRON. J. 65: 556-560. 1973. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. WATER CULTURE CALCIUM, SODIUM, CHLORIDE ROOT GROWTH, HISTOLOGY, CALCIUM UPTAKE, ANATOMICAL RESPONSE
719. GHORASHY, S. R.; KHERADNAM, M. SALT TOLERANCE OF SUNFLOWER VARIETIES (HELIANTHUS ANNUUS L.) DURING GERMINATION. IRANIAN J. AGRIC. RES. 1: 102-104. 1972. SUNFLOWER COMPOSITAE: HELIANTHUS ANNUUS. GERMINATION DISHES, GROWTH CHAMBER SODIUM, CHLORIDE, VARIETY GERMINATION
720. GHORASHY, S. R.; SIONIT, N.; KHERADNAM, M. SALT TOLERANCE OF SAFFLOWER VARIETIES (CARTHAMUS TINCTORIUS L.) DURING GERMINATION. AGRON. J. 64: 256-257. 1972. SAFFLOWER COMPOSITAE: CARTHAMUS TINCTORIUS. GERMINATION DISHES, GROWTH CHAMBER SODIUM, CHLORIDE, VARIETY GERMINATION
721. GIBBS, W. N.; BATCHELOR, H. W.; MAGNUSON, H. P. THE EFFECT OF ALKALI SALTS ON BACTERIOLOGICAL ACTIVITIES IN SOILS. III. AMMONIFICATION, NITRIFICATION, AND CROP YIELD. SOIL SCI. 19: 371-379. 1925. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SODIUM, SULFATE, CARBONATE NITRIFICATION, AMMONIFICATION
722. GILMOUR, J. T.; SRIYOTAI, K.; CORREA, L. SOIL SALINITY AND RICE SEEDLING SURVIVAL. ARKANSAS FARM RES. 26: 4. 1977. RICE GRAMINEAE: ORYZA SATIVA. GREENHOUSE, SOIL SODIUM, CALCIUM, CHLORIDE SALT TOLERANCE
723. GINGRICH, G. R.; RUSSELL, M. B. A COMPARISON OF THE EFFECTS OF SOIL MOISTURE TENSION AND OSMOTIC STRESS ON ROOT GROWTH. SOIL SCI. 84: 185-194. 1957. CORN GRAMINEAE: ZEA MAYS. MANNITOL, OXYGEN CONCENTRATION, OSMOTIC STRESS, SOIL MOISTURE TENSION ROOT GROWTH
724. GLASAU, F. SALZVERTRAGLICHKEIT BEI LAUBGEHOLZEN SALT TOLERANCE OF WOODY FOLIACE. (GER). GARTENWELT 66: 295-296. 1956. POPLAR, WHITE; POPLAR: POPLAR, CAROLINA; POPLAR, LOMBARDY; BEECH, EUROPEAN; ASH, EUROPEAN; BIRCH; LOCUST, BLACK; MULBERRY, BLACK; SERVICEBERRY; JUNE BERRY; MAPLE, SYCAMORE; MAPLE, HEDGE; CHESTNUT, HORSE; ROSE; BOX THORN; PLANE TREE, LONDON; ALDER, EUROPEAN; ALDER; TAMARISK, FRENCH; WALNUT, ENGLISH; FILBERT, EUROPEAN; SLOE; BLACKTHORN; CHERRY, WILD BLACK; WILLOW; WILLOW, WHITE; ELM, WYCH; ELM, SCOTCH; ELM, DUTCH; ELM, ENGLISH; ASH, MOUNTAIN; ASH, EUROPEAN MOUNTAIN; OAK, ENGLISH; PEA-TREE; HAWTHORN; HORNBLAM, EUROPEAN; PRIVET; LINDEN; PASSWOOD; LILAC SALICACEAE: POPULUS ALBA, POPULUS CANESCENS, POPULUS CANADENSIS, POPULUS NIGRA "ITALICA", SALIX, SALIX ALBA; FAGACEAE: FAGUS SYLVATICA, QUERCUS ROBUR; OLEACEAE: FRAXINUS EXCELSIOR, SYRINCA VULGARIS, LIGUSTRUM VULGARE, LIGUSTRUM; CORYLACEAE: BETULA PUBESCENS, ALNUS INCANA, ALNUS GLUTINOSA, CORYLUS AVELLANA, CARPINUS BETULUS; LEGUMINOSAE: ROBINIA PSEUDOACACIA, CARAGANA ARBORESCENS; MORACEAE: MORUS NIGRA; ROSACEAE: AMELANCHIER OVALIS, AMELANCHIER VULGARIS, PRUNUS SPINOSA, PRUNUS SEROTINA, SORBUS INTERMEDIA, SORBUS SCANDICA, SORBUS AUCUPARIA, CRATAEGUS MONOGYNA, ROSA RUGOSA; ACERACEAE: ACER PSEUDOPLATANUS, ACER CAMPESTRE, AESCULUS HIPPOCASTANUM; TILIACEAE: TILIA; SOLANACEAE: LYCIUM HALIMIFOLIUM; PLATANACEAE: PLATANUS ACERIFOLIA; TAMARICACEAE: TAMARIX GALLICA; JUGLANDACEAE: JUGLANS REGIA; CAPRIFOLIACEAE: SAMBUCUS NIGRA; ULMACEAE: ULMUS GLABRA, ULMUS HOLLANDICA, ULMUS CAMPESTRIS, ULMUS PROCERA. FIELD DEICING SALT LEAF INJURY, SALT TOLERANCE
725. GOGUE, G. C.; SANDERSON, K. C. BORON TOXICITY OF CHRYSANTHEMUM MORIFOLIUM. HORTSCIENCE 8: 473-475. 1973. CHRYSANTHEMUM COMPOSITAE: CHRYSANTHEMUM MORIFOLIUM. POT, SAND, PEAT MOSS, GREENHOUSE BORON LEAF INJURY, BORON UPTAKE, VEGETATIVE GROWTH
726. GOLDBERG, D.; GORNAT, B.; SHMUELI, M.; BEN-ASHER, I.; RINOT, M. INCREASING THE AGRICULTURAL USE OF SALINE WATER BY MEANS OF TRICKLE IRRIGATION. WATER RESOUR. BULL. 7: 802-809. 1971. PEPPER; TOMATO; CUCUMBER; CORN; MUSKMELON SOLANACEAE: CAPSICUM FRUTESCENS, LYCOPERSICON ESCULENTUM; GRAMINEAE: ZEA MAYS; CUCURBITACEAE: CUCUMIS SATIVUS.

CUCUMIS MELO. FIELD. SOIL. SALINE WATER. DRIP IRRIGATION. SPRINKLER IRRIGATION. IRRIGATION METHOD. FURROW IRRIGATION. VEGETATIVE GROWTH

727. GOLDBERG, D.; SHMUELI, M. SPRINKLE AND TRICKLE IRRIGATION OF GREEN PEPPER IN AN ARID ZONE. HORTSCIENCE 6: 559-562. 1971. PEPPER SOLANACEAE: CAPSICUM FRUTESCENS, CAPSICUM ANNUUM. FIELD PLOT, SOIL. SPRINKLER IRRIGATION, DRIP IRRIGATION. SALINE WATER. VEGETATIVE GROWTH. CHLORIDE UPTAKE. ROOT GROWTH
728. GOLDSMITH, F. B. THE VEGETATION OF EXPOSED SEA CLIFFS AT SOUTH STACK ANGLESEY, II. EXPERIMENTAL STUDIES. J. ECOL. 61: 819-829. 1973. UMBELLIFERAE: CRITHMUM MARITIMUM, DAUCUS CAROTA; PLANTAGINACEAE: PLANTAGO CORONOPUS; CARYOPHYLLACEAE: SPERGULARIA RUPICOLA, SILENE MARITIMA; COMPOSITAE: INULA CRITHMOIDES, SENECIO INTEGRIFOLIUS; CHENOPODIACEAE: BETA MARITIMA; GRAMINEAE: CATAPodium MARINUM, FESTUCA RUBRA, HOLCUS LANATUS; PLUMBAGINACEAE: ARMERIA MARITIMA; CRUCIFERAE: COCHLEARIA OFFICINALIS; ERICACEAE: CALLUNA VULGARIS; LEGUMINOSAE: ULEX EUROPAEUS; LILIACEAE: SCILLA VERA. FIELD. SALT SPRAY. ECOLOGY. SALT TOLERANCE
729. GOLLEK, B. (TRANS. EDITOR) STRUCTURE AND FUNCTION OF PLANT CELLS IN SALINE HABITATS: NEW TRENDS IN THE STUDY OF SALT TOLERANCE. TRANSLATED BY ISRAEL PROG. SCIENTIFIC TRANSLATIONS, JOHN WILEY & SONS, NEW YORK: 284 PP. 1973.
730. GONZALEZ, C. L.; HEILMAN, M. D. YIELD AND CHEMICAL COMPOSITION OF COASTAL BERMUDAGRASS, RHODESGRASS, AND VOLUNTEER SPECIES GROWN ON SALINE AND NONSALINE SOILS. J. RANGE MANAGE. 30: 227-230. 1977. GRASS; BERMUDA GRASS; RHODES GRASS. GRAMINEAE: CYNODON DACTYLON, CHLORIS GAYANA. FIELD PLOT. SALINE SOIL. VEGETATIVE GROWTH. MINERAL COMPOSITION
731. GOODIN, J. R.; MCKELL, C. M. SHRUB PRODUCTIVITY: A REAPPRAISAL OF ARID LANDS. IN FOOD, FIBER, AND THE ARID LANDS. MCGINNIES, W. G., GOLDMAN, B. J., AND PAYLORE, P. (EDS.), UNIV. ARIZ. PRESS: 235-246. 1971. CHENOPODIACEAE: ATRIPLEX.
732. GOODIN, J. R.; MOZAFAR, A. PHYSIOLOGY OF SALINITY STRESS. IN WOODLAND SHRUBS -- THEIR BIOLOGY AND UTILIZATION. USDA FOREST SERVICE GENERAL TECH. REPT. INT-1. MCKELL, C. M., BLAISDELL, J. P., AND GOODIN, J. R. (EDS.): 255-259. 1972.
733. GOODMAN, P. J. PHYSIOLOGICAL AND ECOTYPIC ADAPTATIONS OF PLANTS TO SALT DESERT CONDITIONS IN UTAH. J. ECOL. 61: 473-494. 1973. CHENOPODIACEAE: ALLENROLFEA OCCIDENTALIS, ATRIPLEX NUTTALLII, SALICORNIA, SARCOBATUS VERMICULATUS, EUROTTIA LANATA, ATRIPLEX CONFERTIFOLIA, SUAEDA; COMPOSITAE: ARTEMISIA TRIDENTATA, ARTEMISIA SPINESCENS. FIELD. SALINE SOIL. BORON. VEGETATIVE GROWTH. SALT TOLERANCE. ECOLOGY
734. GOPAL, N. H. THE DISTRIBUTION OF NORMAL AND TOXIC AMOUNTS OF BORON IN GROUNDNUT. INDIAN J. PLANT PHYSIOL. 13: 92-98. 1970. PEANUT. LEGUMINOSAE: ARACHIS HYPOGAEA. SOIL, POT. BORON. BORON UPTAKE. VEGETATIVE GROWTH
735. GOPAL, N. H. EFFECT OF BORON TOXICITY ON IRON STATUS IN GROUNDNUT. INDIAN J. EXPT. BIOL. 9: 524-526. 1971. PEANUT. LEGUMINOSAE: ARACHIS HYPOGAEA. POT, SAND CULTURE. BORON. BORON UPTAKE. IRON UPTAKE
736. GOPAL, N. H. EFFECT OF BORON TOXICITY ON IRON, HEME ENZYMES AND BORON-PROTEIN COMPLEXES IN GROUNDNUT. INDIAN J. EXPT. BIOL. 7: 187-189. 1969. PEANUT. LEGUMINOSAE: ARACHIS HYPOGAEA. POT, SAND. BORON. BORON UPTAKE. ENZYME ACTIVITY. BORON-PROTEIN COMPLEXES. IRON UPTAKE
737. GOPAL, N. H. EFFECT OF EXCESS BORON SUPPLY ON ACCUMULATION OF BORON AND NITROGEN METABOLISM IN GROUNDNUT PLANTS. PROC. INDIAN ACAD. SCI. SECT. B 73: 192-201. 1971. PEANUT. LEGUMINOSAE: ARACHIS HYPOGAEA. POT, SOIL, SAND. BORON. LEAF INJURY. NITROGEN UPTAKE. BORON UPTAKE. ASPARTIC ACID, AMINO ACID, GLUTAMIC ACID, ARGinine, GLYCINE, ALANINE
738. GOPAL, N. H. INFLUENCE OF BORON ON GROWTH AND YIELD OF GROUNDNUT. TURRIALBA 21: 435-441. 1971. PEANUT. LEGUMINOSAE: ARACHIS HYPOGAEA. SOIL, POT. BORON. VEGETATIVE GROWTH. SEED YIELD, SEED WEIGHT, LEAF INJURY. BORON UPTAKE

739. GOPAL, N. H. PHYSIOLOGICAL STUDIES ON GROUNDNUT PLANTS WITH BORON TOXICITY. I. EFFECT ON DRY WEIGHT, MOISTURE, BORON, RESPIRATION AND CARBOHYDRATE METABOLISM. TURRIALBA 23: 410-419. 1973. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. POT. SAND CULTURE BORON LEAF INJURY, OXYGEN UPTAKE, RESPIRATION, CARBOHYDRATE, ROOT GROWTH, VEGETATIVE GROWTH
740. GOPAL, N. H. PHYSIOLOGICAL STUDIES ON GROUNDNUT PLANTS WITH BORON TOXICITY. II. EFFECT ON NITROGEN METABOLISM. TURRIALBA 25: 144-147. 1975. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. POT. SAND CULTURE BORON VEGETATIVE GROWTH, TOXICITY, NITROGEN METABOLISM
741. GOPAL, N. H. PHYSIOLOGICAL STUDIES ON GROUNDNUT PLANTS WITH BORON TOXICITY. III. EFFECT ON CHLOROPHYLL, IRON, AND COPPER METABOLISM. TURRIALBA 25: 306-315. 1975. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. POT. SAND CULTURE BORON CHLOROPHYLL, IRON UPTAKE, COPPER UPTAKE, BORON UPTAKE, CATALASE, PEROXIDASE, CYTOCHROME OXIDASE, ASCORBIC ACID OXIDASE, POLYPHENOL OXIDASE
742. GOPAL, N. H. PHYSIOLOGICAL STUDIES ON GROUNDNUT PLANTS WITH BORON TOXICITY. IV. EFFECT ON PHOSPHORUS, POTASSIUM, AND CALCIUM. TURRIALBA 25: 436-439. 1975. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. POT. SAND CULTURE BORON PHOSPHORUS UPTAKE, POTASSIUM UPTAKE, CALCIUM UPTAKE
743. GOPAL, N. H. STUDIES ON RECOVERY OF GROUNDNUT PLANTS FROM BORON INJURY. TURRIALBA 20: 198-203. 1970. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. POT. SOIL BORON, IRON, SULFATE, MAGNESIUM, LEACHING LEAF INJURY, VEGETATIVE GROWTH, BORON UPTAKE
744. GOPAL, N. H.; RAO, I. M. AGRO-PHYSIOLOGICAL STUDIES ON GROUNDNUT (ARACHIS HYPOGAEA LINN.) WITH BORON TOXICITY. ANDHRA AGRIC. J. 14: 12-20. 1967. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. POT. SOIL BORON LEAF INJURY, BORON UPTAKE, VEGETATIVE GROWTH
745. GOPAL, N. H.; RAO, I. M. EFFECT OF BORON TOXICITY ON SOME LEAF CONSTITUENTS IN GROUNDNUT (ARACHIS HYPOGAEA L.) PLANTS. ANDHRA AGRIC. J. 15: 21-24. 1968. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. POT. SAND BORON LEAF INJURY, CHLOROPHYLL, PROTEIN
746. GOPAL, N. H.; RAO, I. M. EFFECT OF EXCESS BORON SUPPLY ON GERMINATION AND SEEDLING GROWTH OF GROUND NUT (ARACHIS HYPOGAEA LINN.). PLANT SOIL 31: 188-192. 1969. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. TEST TUBE, WATER CULTURE BORON GERMINATION, SEEDLING GROWTH, LEAF INJURY, BORON UPTAKE
747. GOPAL, N. H.; RAO, I. M. PHYSIOLOGICAL STUDIES ON BORON TOXICITY IN GROUNDNUTS (ARACHIS HYPOGAEA). ANDHRA AGRIC. J. 11: 144-152. 1964. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. POT. SAND BORON LEAF INJURY, CHLOROPHYLL, PROTEIN, BORON UPTAKE
748. GOPAL, N. H.; RAO, I. M. SOME AGRO-PHYSIOLOGICAL ASPECTS OF BORON NUTRITION IN AN INDIAN VARIETY OF GROUNDNUT. CURR. SCI. 41: 695-698. 1972. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA SOIL, POT BORON NUTRITION, TOXICITY
749. GORIANOV, M. THE EFFECT OF THE OSMOTIC PRESSURE OF THE SOIL SOLUTION ON THE DEVELOPMENT AND CHEMICAL COMPOSITION OF KOK-SAGHYZ. (RUS). DOKL. AKAD. S.-KH. NAUK NO. 576: 44-45. 1944. DANDELION, RUSSIA COMPOSITAE: TARAXACUM KOK-SAGHYZ. POT. SOIL SODIUM, CHLORIDE MINERAL COMPOSITION
750. GORIS, I. YA. RESPIRATORY METABOLISM OF SEEDS GERMINATING UNDER SALINIZATION CONDITIONS. (RUS; ENG SUM). SEL'SKOKHOZ BIOL. 4: 246-251. 1969. BARLEY GRAMINEAE: HORDEUM VULGARE. SODIUM, CHLORIDE, SULFATE GERMINATION, SEEDLING GROWTH, RESPIRATION, CYTOCHROME OXIDASE, POLYPHENOL OXIDASE, FLAVOPROTEIN, FLAVOOXIDASE
751. GORNAT, B.; GOLDBERG, D.; RIMON, D.; BEN-ASHER, J. THE PHYSIOLOGICAL EFFECT OF WATER QUALITY AND METHOD OF APPLICATION ON TOMATO, CUCUMBER, AND PEPPER. J. AMER. SOC. HORT. SCI. 98: 202-205. 1973. TOMATO: CUCUMBER: PEPPER SOLANACEAE: LYCOPERSICON ESCULENTUM, CAPSICUM FRUTESCENS, CUCURBITACEAE CUCUMIS SATIVUS. SOIL, FIELD CHLORIDE, SPRINKLER IRRIGATION, IRRIGATION METHOD, DRIP IRRIGATION AMINO ACID, STARCH, SUGAR, PROTEIN

752. GORTON, B. S.; COOPER, W. C.; PEYNADO, A. RELATION OF CALCIUM AND POTASSIUM ACCUMULATION IN CITRUS AS INFLUENCED BY ROOTSTOCK AND SALINITY OF IRRIGATION WATER. AMER. SOC. HORT. SCI. PROC. 63: 49-52. 1954. GRAPEFRUIT; MANDARIN; ORANGE. SOUR. RUTACEAE: CITRUS PARADISI, CITRUS RETICULATA, CITRUS AURANTIUM. FIELD PLOT. SOIL. SODIUM, SULFATE, CALCIUM, CHLORIDE, ROOTSTOCK. MINERAL COMPOSITION
753. GORYAINOVA, I. N.; MYALO, E. G. INDICATIVE SIGNIFICANCE OF ATRIPLEX CANA ASSOCIATIONS IN RELATION TO ITS ECOLOGICAL CHARACTERISTICS. (RUS). BIOL. NAUKI 14: 70-77. 1971. NATIVE VEGETATION. CHENOPODIACEAE: ANABASIS APHYLLA, ANABASIS SALSA, CAMPHOROSMA MONSPELIACUM, SALSOLA LARICINA, SALSOLA ARBUSCULA, SUAEDA PHYCOPHORA, OBIONE VERRUCIFERA, KOCHIA PROSTRATA, HALOCNEMUM STROBILACEUM, ATRIPLEX CANA; GRAMINEAE: ATROPIS DISTANS, AGROPYRON DESERTORUM, ELYMUS LANOGINOSUS, ELYMUS GIGANTEUS, FESTUCA SULCATA, POA FULBOSA; COMPOSITAE: ARTEMISIA TERRAE-ALBAE, ARTEMISIA PAUCIFLORA, ARTEMISIA AUSTRIACA, ARTEMISIA SALINA, PYRETHRUM ACHILLEIFOLIUM; POLYGONACEAE: RHEUM TATARICA, ATRAPHAXIS SPINOSA; CRUCIFERAE: LEPIDIUM PERFOLIATUM; PLUMBAGINACEAE: LIMONIUM SUFFRUTICOSUM, LIMONIUM GHELINII. SOIL, FIELD. SALINE SOIL. ECOLOGY
754. GRAHAM, T. W. G.; HUMPHREYS, L. R. SALINITY RESPONSE OF CULTIVARS OF BUFFEL GRASS, (CENCHRUS CILIARIS). AUST. J. EXPT. AGRIC. ANIM. HUSB. 10: 725-728. 1970. BUFFEL GRASS. GRAMINEAE: CENCHRUS CILIARIS. GREENHOUSE, POT. WATER CULTURE. SODIUM, CHLORIDE. ROOT GROWTH, VEGETATIVE GROWTH, MINERAL COMPOSITION
755. GRAMMATIKATI, O. G.; OMAROV, K.; RAMAZANOV, D.; SHUGAIBOV, Z. USE OF CASPIAN SEA WATER FOR IRRIGATION. SOV. HYDROL. SELECTED PAPERS NO. 2: 106-109. 1975. SUNFLOWER; ALFALFA; BARLEY. COMPOSITAE: HELIANTHUS ANNUUS; LEGUMINOSAE: MEDICAGO SATIVA; GRAMINEAE: HORDEUM VULGARE. SOIL, FIELD PLOT. SODIUM, CHLORIDE, SEA WATER. VEGETATIVE GROWTH
756. GRANDIN, M. LA DORMANCE DES HIBERNACLES ET L'ADAPTATION A LA SALINITE CHEZ GLAUX MARITIMA L. DORMANCY OF HIBERNACLES AND ADAPTATION OF SALINITY IN GLAUX MARITIMA L. (FRE: ENG SUM). OECOL. PLANT. 6: 203-207. 1971. PRIMULACEAE: GLAUX MARITIMA. GREENHOUSE, SAND, POT. SODIUM, CHLORIDE, TEMPERATURE. VEGETATIVE GROWTH
757. GRATZL, D.; HARMATI, I.; ABRAHAM, L. INCREASING THE YIELDS OF NATURAL GRASSES ON HUNGARY'S SALT-AFFECTED SOILS. (RUS; ENG SUM). AGROKEMIA ES TALAJTAN 14: 385-388. 1965. REDTOP. GRAMINEAE: AGROSTIS ALBA, PUCCINELLIA LIMOSA, FESTUCA PSEUDOVINA. FIELD. SOLONETZ, SOLONCHAK
758. GREENWAY, H. GROWTH STIMULATION BY HIGH CHLORIDE CONCENTRATIONS IN HALOPHYTES. ISRAEL J. BOT. 17: 169-177. 1968. CHENOPODIACEAE: ATRIPLEX NUMMULARIA. WATER CULTURE. CHLORIDE, SODIUM, CALCIUM, POTASSIUM, MAGNESIUM. VEGETATIVE GROWTH, MINERAL COMPOSITION
759. GREENWAY, H. PLANT RESPONSE TO SALINE SUBSTRATES. I. GROWTH AND ION UPTAKE OF SEVERAL VARIETIES OF HORDEUM DURING AND AFTER SODIUM CHLORIDE TREATMENT. AUST. J. BIOL. SCI. 15: 16-3B. 1962. BARLEY. GRAMINEAE: HORDEUM VULGARE, HORDEUM DISTICHUM. GREENHOUSE, WATER CULTURE. SODIUM, CHLORIDE, VARIETY. CHLORIDE UPTAKE, VEGETATIVE GROWTH, GRAIN YIELD, SODIUM UPTAKE, POTASSIUM UPTAKE
760. GREENWAY, H. PLANT RESPONSES TO SALINE SUBSTRATES. II. CHLORIDE, SODIUM, AND POTASSIUM UPTAKE AND TRANSLOCATION IN YOUNG PLANTS OF HORDEUM VULGARE DURING AND AFTER A SHORT SODIUM CHLORIDE TREATMENT. AUST. J. BIOL. SCI. 15: 39-57. 1962. BARLEY. GRAMINEAE: HORDEUM VULGARE. GREENHOUSE, WATER CULTURE. SODIUM, CHLORIDE. VEGETATIVE GROWTH, CHLORIDE UPTAKE, SODIUM UPTAKE, POTASSIUM UPTAKE, ION TRANSLOCATION
761. GREENWAY, H. PLANT RESPONSES TO SALINE SUBSTRATES. III. EFFECT OF NUTRIENT CONCENTRATION ON THE GROWTH AND ION UPTAKE OF HORDEUM VULGARE DURING A SODIUM CHLORIDE STRESS. AUST. J. BIOL. SCI. 16: 616-628. 1963. BARLEY. GRAMINEAE: HORDEUM VULGARE. WATER CULTURE. SODIUM, CHLORIDE, FERTILITY. CHLORIDE UPTAKE, SODIUM UPTAKE, VEGETATIVE GROWTH, POTASSIUM UPTAKE
762. GREENWAY, H. PLANT RESPONSES TO SALINE SUBSTRATES. IV. CHLORIDE UPTAKE BY HORDEUM VULGARE AS AFFECTED BY INHIBITORS, TRANSPIRATION, AND NUTRIENTS IN THE MEDIUM. AUST. J. BIOL. SCI. 18: 249-26B. 1965. BARLEY. GRAMINEAE: HORDEUM VULGARE. WATER CULTURE, POT. SODIUM, CHLORIDE, METABOLIC INHIBITORS, DINITROPHENOL, CARBONYL CYANIDE M-CHLOROPHENYL-HYDRAZONE. CHLORIDE UPTAKE, SODIUM UPTAKE, TRANSPIRATION, VEGETATIVE GROWTH

763. GREENWAY, H. PLANT RESPONSES TO SALINE SUBSTRATES. VII. GROWTH AND ION UPTAKE THROUGHOUT PLANT DEVELOPMENT IN TWO VARIETIES OF HORDEUM VULGARE. AUST. J. BIOL. SCI. 18: 763-779. 1965. BARLEY GRAMINEAE: HORDEUM VULGARE. SAND CULTURE SODIUM, CHLORIDE. VARIETY CHLORIDE UPTAKE, VEGETATIVE GROWTH, GRAIN YIELD, SODIUM UPTAKE, POTASSIUM UPTAKE
764. GREENWAY, H. SALINITY, PLANT GROWTH, AND METABOLISM. J. AUST. INST. AGRIC. SCI. 39: 24-34. 1973.
765. GREENWAY, H.; ANDREW, W. D. A SCREENING TECHNIQUE TO PREDICT FIELD BEHAVIOR OF MEDICS ON SALINE SOIL. AUST. J. EXPT. AGRIC. ANIM. HUSB. 2: 234-235. 1962. MEDIC: LEGUME LEGUMINOSAE: MEDICAGO CILIARIS, MEDICAGO TEREBELLUM, MEDICAGO MINIMA, MEDICAGO LUPULINA, MEDICAGO DENTICULATA, MEDICAGO RIGIULATA, MEDICAGO INTERTEXTA, MEDICAGO SCUTELLATA, MEDICAGO TURBINATA, MEDICAGO RETICULATA, MEDICAGO MUREX, MEDICAGO TUBERCULATA, MEDICAGO RUGOSA, MEDICAGO OBSCURA, MEDICAGO HISPIDA. GREENHOUSE, SOIL, POT. FIELD SODIUM, CHLORIDE VEGETATIVE GROWTH
766. GREENWAY, H.; GUNN, A.; PITMAN, M. G.; THOMAS, D. A. PLANT RESPONSE TO SALINE SUBSTRATES. VI. CHLORIDE, SODIUM, AND POTASSIUM UPTAKE AND DISTRIBUTION WITHIN THE PLANT DURING ONTOGENESIS OF HORDEUM VULGARE. AUST. J. BIOL. SCI. 18: 525-540. 1965. BARLEY GRAMINEAE: HORDEUM VULGARE. SAND CULTURE, POT SODIUM, CHLORIDE CHLORIDE UPTAKE, SODIUM UPTAKE, POTASSIUM UPTAKE, VEGETATIVE GROWTH
767. GREENWAY, H.; GUNN, A.; THOMAS, D. A. PLANT RESPONSE TO SALINE SUBSTRATES. VIII. REGULATION OF ION CONCENTRATIONS IN SALT-SENSITIVE AND HALOPHYTIC SPECIES. AUST. J. BIOL. SCI. 19: 741-750. 1966. ATRIPLEX; BEAN CHENOPODIACEAE: ATRIPLEX HASTATA, ATRIPLEX NUMMULARIA; LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE SODIUM, CHLORIDE VEGETATIVE GROWTH, CHLORIDE UPTAKE, SODIUM UPTAKE
768. GREENWAY, H.; OSMOND, C. B. ION RELATIONS, GROWTH AND METABOLISM OF ATRIFLEX AT HIGH, EXTERNAL ELECTROLYTE CONCENTRATIONS. IN THE BIOLOGY OF ATRIPLEX, R. JONES (ED.) DIV. PLANT INDUSTRY, C. S. I. R. O. AUSTRALIA: 49-56. 1970. SALT BUSH CHENOPODIACEAE: ATRIPLEX.
769. GREENWAY, H.; OSMOND, C. B. SALT RESPONSES OF ENZYMES FROM SPECIES DIFFERING IN SALT TOLERANCE. PLANT PHYSIOL. 49: 256-259. 1972. BEAN: ATRIPLEX LEGUMINOSAE: PHASEOLUS VULGARIS; CHENOPODIACEAE: ATRIPLEX SPONGIOSA, SALICORNIA AUSTRALIS. WATER CULTURE SODIUM, CHLORIDE, SULFATE, POTASSIUM MALATE DEHYDROGENASE, ASPARTATE TRANSAMINASE, GLUCOSE-6-PHOSPHATE DEHYDROGENASE, ISOCITRATE DEHYDROGENASE
770. GREENWAY, H.; ROGERS, A. GROWTH AND ION UPTAKE OF AGROPYRON ELONGATUM ON SALINE SUBSTRATES AS COMPARED WITH A SALT-TOLERANT VARIETY OF HORDEUM VULGARE. PLANT SOIL 18: 21-30. 1963. WHEATGRASS, TALL; BARLEY GRAMINEAE: AGROPYRON ELONGATUM, HORDEUM VULGARE. GREENHOUSE, FIELD, POT, SAND, SOIL SODIUM, CHLORIDE, SALINE SOIL VEGETATIVE GROWTH CHLORIDE UPTAKE, SODIUM UPTAKE
771. GREENWAY, H.; THOMAS, D. A. PLANT RESPONSE TO SALINE SUBSTRATES. V. CHLORIDE REGULATION IN THE INDIVIDUAL ORGANS OF HORDEUM VULGARE DURING TREATMENT WITH SODIUM CHLORIDE. AUST. J. BIOL. SCI. 18: 505-524. 1965. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE SODIUM, CHLORIDE VEGETATIVE GROWTH, CHLORIDE UPTAKE, SODIUM UPTAKE
772. GREIG, J. K.; SMITH, F. W. SALINITY EFFECTS ON SWEETPOTATO GROWTH. AGRON. J. 54: 309-313. 1962. POTATO, SWEET CONVULVULACEAE: IPOMOEA BATATAS. WATER CULTURE, POT, SAND CALCIUM, MAGNESIUM, POTASSIUM, SODIUM, CHLORIDE VEGETATIVE GROWTH
773. GRIGORE, S.; OPREA, R.; ARVAT, N. CERCETARI GEBOTANICE ASUPRA SPECIILOR DE TRIFOI DE PE SARATURILE DIN VESTUL REPUBLICII SOCIALISTE ROMANIA. GEBOTANICAL INVESTIGATIONS ON THE CLOVER SPECIES OF THE SALT MARSHES OF THE WESTERN PART OF THE SOCIALIST REPUBLIC OF ROMANIA. (RUM: ENG SUM). INST. AGRON. TIMISOARA LUCR. STIINT. SER. AGRON. 8: 369-384. 1965. CLOVER, ALSIKE; CLOVER, WHITE; CLOVER, S. RAWBERRY LEGUMINOSAE: TRIFOLIUM ANGULATUM, TRIFOLIUM MICRANTHUM, TRIFOLIUM STRIATUM, TRIFOLIUM STRICTUM, TRIFOLIUM ORNITHOPODIODES, TRIFOLIUM PARVIFLORUM, TRIFOLIUM FRAGIFERUM, TRIFOLIUM PALLIDUM, TRIFOLIUM REPENS, TRIFOLIUM SUBTERRANEUM, TRIFOLIUM CAMPESTRE, TRIFOLIUM DUBIUM, TRIFOLIUM HYBRIDUM. SALINE SOIL ECOLOGY

774. GRILLOT, G. THE BIOLOGICAL AND AGRICULTURAL PROBLEMS PRESENTED BY PLANTS TOLERANT OF SALINE OR BRACKISH WATER AND THE EMPLOYMENT OF SUCH WATER FOR IRRIGATION. IN UNESCO ARID ZONE PROGRAMME, PARIS: IV: 9-35. 1954.
775. GROENEWEGEN, H.; BOUMA, D.; GATES, C. T. UPTAKE AND TRANSLOCATION OF CHLORIDE IN CITRUS CUTTINGS DURING AND AFTER A SHORT SALT TREATMENT. AUST. J. BIOL. SCI. 12: 16-25. 1959. ORANGE, NAVEL RUTACEAE: CITRUS SINENSIS. SAND CALCIUM MAGNESIUM, POTASSIUM, SODIUM, CHLORIDE VEGETATIVE GROWTH, CHLORIDE UPTAKE, ION TRANSLOCATION
776. GROENEWEGEN, H.; MILLS, J. A. UPTAKE OF MANNITOL INTO THE SHOOTS OF INTACT BARLEY PLANTS. AUST. J. BIOL. SCI. 13: 1-4. 1960. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE MANNITOL, SODIUM, CHLORIDE MANNITOL UPTAKE, VEGETATIVE GROWTH
777. GROGAN, R. G.; ZINK, F. W. FERTILIZER INJURY TO LETTUCE; DAMAGE REPRODUCED BY APPLICATION OF TOXIC CONCENTRATION OF INORGANIC COMMERCIAL FERTILIZER MATERIALS OR ANIMAL MANURE. CALIF. AGRIC. 10: 5, 12, 16. 1965. LETTUCE COMPOSITAE: LACTUCA SATIVA. POT. GREENHOUSE, SOIL, FIELD PLOT AMMONIUM, SULFATE, CALCIUM, NITRATE, UREA, NITRIC ACID, PHOSPHORIC ACID, AQUA AMMONIA ROOT GROWTH, TOXICITY
778. GROOT OBBINK, J.; ALEXANDER, D. M. RESPONSE OF SIX GRAPEVINE CULTIVARS TO A RANGE OF CHLORIDE CONCENTRATIONS. AMER. J. ENOL. VITIC. 24: 65-68. 1973. GRAPE VITACEAE: VITIS VINIFERA. POT. WATER CULTURE, GREENHOUSE CHLORIDE VEGETATIVE GROWTH, CHLORIDE UPTAKE
779. GROSS, F. C. RESTORING SALT EFFECTED LAND TO PRODUCTIVENESS IN AUSTRALIA. J. DEPT. AGRIC. S. AUST. 55: 401-405. 1952. PASPALUM, SEASHORE; COUCH GRASS, SALT WATER; BARLEY, SEA; RYEGRASS, CURLEY; SALT BUSH, CREEPING; CLOVER, STRAWBERRY GRAMINEAE: PASPALUM VAGINATUM, SPOROBOLUS VIRGINICUS, HORDEUM MARINUM, PHOLIURUS INCURVUS; LEGUMINOSAE: TRIFOLIUM FRAGIFERUM; CHENOPODIACEAE: ATRIPLEX SEMIBACCATA.
780. GRUZDEV, D. M. THE EFFECT OF SOIL SALINITY ON THE GROWTH OF OAK AND OTHER SPECIES UNDER IRRIGATED CONDITIONS IN THE AZERBAIDZHAN SSR. (RUS: ENG SUM). POCHVOVEDENIE NO. 3: 91-98. 1959. OAK; (AK, CHESTNUT; WALNUT, BLACK; PINE, ELDER; PERSIMMON; PLANE TREE, EUROPEAN; APRICOT; PLUM; AMORPHA; POPLAR, PYRAMID; MAPLE; PAGODA TREE, JAPANESE; ASH, GREEN; CATALPA; QUINCE; ACACIA, WHITE FAGACEAE: QUERCUS; JUGLANDACEAE JUGLANS NIGRA; PINACEAE: PINUS; EBENACEAE: DIOSPYROS; PLATANACEAE: PLATANUS ORIENTALIS; ROSACEAE: PRUNUS ARMENIACA PRUNUS DOMESTICA, CYDONIA; LEGUMINOSAE: AMORPHA, SOPHORA JAPONICA, ACACIA; BIGNONIACEAE: CATALPA; SALICACEAE: POPULUS; ACERACEAE: ACER; OLEACEAE: FRAXINUS PENNSYLVANICA VAR LANCEOLATA. FIELD, SOIL, POT BICARBONATE CHLORIDE, SULFATE, SALINE SOIL VEGETATIVE GROWTH, ROOT GROWTH
781. GUGGENHEIM, J.; WASEL, Y. EFFECTS OF SALINITY, TEMPERATURE, AND NITROGEN FERTILIZATION ON GROWTH AND COMPOSITION OF RHODES GRASS (CHLORIS GAYANA KUNTH.). PLANT SOIL 47: 431-440. 1977. RHODES GRASS GRAMINEAE: CHLORIS GAYANA. SAND, GREENHOUSE, GROWTH CHAMBER SODIUM, CHLORIDE, AMMONIUM, NITRATE, TEMPERATURE MINERAL COMPOSITION, VEGETATIVE GROWTH
782. GUPTA, M. R.; BHAMBOTA, J. R. EFFECT OF DIFFERENT CONCENTRATIONS OF SODIUM SALTS ON GUAVA. PUNJAB HORT. J. 8: 30-36. 1968. GUAVA MYRTACEAE: PSIDIUM GUAJAVA. POT, SOIL SULFATE, CHLORIDE, CARBONATE SODIUM UPTAKE, SALT TOLERANCE
783. GUPTA, U. C.; MACLEOD, J. A. BORON NUTRITION AND GROWTH OF TIMOTHY AS AFFECTED BY SOIL PH. COMMUN. SOIL SCI. PLANT ANAL. 4: 389-395. 1973. TIMOTHY GRAMINEAE: PHLEUM PRATENSE. GREENHOUSE, SOIL, POT BORON BORON UPTAKE, PH
784. GUPTA, U. C.; MACLEOD, J. A.; STERLING, J. D. E. EFFECTS OF BORON AND NITROGEN ON GRAIN YIELD AND BORON AND NITROGEN CONCENTRATIONS OF BARLEY AND WHEAT. SOIL SCI. SOC. AM. J. 40: 723-726. 1976. BARLEY; WHEAT GRAMINEAE: HORDEUM DISTICHON, TRITICUM AESTIVUM. SOIL, GREENHOUSE, FIELD BORON, NITROGEN, WATER STRESS GRAIN YIELD, BORON UPTAKE, VEGETATIVE GROWTH
785. GUPTA, U. C.; STERLING, J. D.; NASS, H. G. INFLUENCE OF VARIOUS RATES OF COMPOST AND NITROGEN ON THE BORON TOXICITY SYMPTOMS IN BARLEY AND WHEAT. CAN. J. PLANT SCI. 53: 451-456. 1973. BARLEY; WHEAT GRAMINEAE: HORDEUM

- VULGARE, TRITICUM AESTIVUM, HORDEUM DISTICHON, GREENHOUSE, SOIL, POT COMPOST, FERTILITY LEAF INJURY, BORON UPTAKE, NITROGEN UPTAKE
786. GUPTA, U. S. STUDIES IN THE PHYSIOLOGY OF TOBACCO. VI. RESPONSE OF TOBACCO K-49 TO TREATMENT WITH SODIUM CHLORIDE. J. SCI. RES. B.H.U. 13: 1-8, 1962. TOBACCO SOLANACEAE: NICOTIANA TABACUM. SAND, GREENHOUSE, POT SODIUM, CHLORIDE VEGETATIVE GROWTH, OXYGEN UPTAKE
787. GUPTA, U. S. STUDIES IN THE PHYSIOLOGY OF TOBACCO. VII. EFFECT OF SODIUM SULPHATE ON THE GROWTH, YIELD, AND PHYSIOLOGY OF TOBACCO, K-49. J. SCI. RES. B.H.U. 13: 33-40, 1962. TOBACCO SOLANACEAE: NICOTIANA TABACUM. SAND, GREENHOUSE, POT SODIUM, SULFATE VEGETATIVE GROWTH, TRANSPIRATION
788. GUPTA, U. S. STUDIES IN THE PHYSIOLOGY OF TOBACCO. VIII. EFFECT OF SODIUM CARBONATE ON THE GROWTH, YIELD, AND PHYSIOLOGY OF TOBACCO, K-49. J. SCI. RES. B.H.U. 13: 41-50, 1962. TOBACCO SOLANACEAE: NICOTIANA TABACUM. SAND, GREENHOUSE, POT SODIUM, CARBONATE VEGETATIVE GROWTH, TOXICITY
789. GUPTA, U. S.; KAUR, P. THE RELATIONSHIP BETWEEN SALT TOLERANCE AND ASCORBIC ACID CONTENT IN PISUM SATIVUM VARIETIES. CURR. SCI. 39: 69-70, 1970. PEA LEGUMINOSAE: PISUM SATIVUM. GERMINATION DISHES SODIUM, CHLORIDE, SULFATE, CARBONATE ASCORBIC ACID
790. GUPTA, U. S.; KAUR, P. THE RELATIONSHIP BETWEEN SALT TOLERANCE AND DEHYDROGENASE ACTIVITY IN PISUM SATIVUM L. VARIETY. SCI. CULT. 36: 293-294, 1970. PEA LEGUMINOSAE: PISUM SATIVUM. GERMINATION DISHES VARIETY, SODIUM, CHLORIDE, SULFATE, CARBONATE ENZYME ACTIVITY, SALT TOLERANCE, DEHYDROGENASE ACTIVITY
791. GUPTA, U. S.; TYAGI, A. P. NUMBER OF NORIN GENES AND EARLY SALT TOLERANCE IN BREAD WHEAT. BIOCHEM. PHYSIOL. PFLANZ. 164: 349-356, 1973. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GERMINATION DISHES SODIUM, CALCIUM, CHLORIDE, SULFATE, CARBONATE, BICARBONATE GERMINATION, SEEDLING GROWTH, ROOT GROWTH
792. GUSCIN, I. V. THE SALT RESISTANCE OF BLUE AND YELLOW ALFALFA. (RUS) DOKLADY VSESOUYUZ. APAD. SEL'SKO-KHOZ. NAUK. NO. 7: 13-18, 1940. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA, MEDICAGO FALLATA. SOIL, FIELD SODIUM, CHLORIDE VEGETATIVE GROWTH
793. GUSTAFSON, C. D. THE SALINITY PROBLEM IN GROWING AVOCADOS. CALIF. AVOCADO SOC. YEARBOOK 65: 100-105, 1962. AVOCADO LAURACEAE: PERSEA AMERICANA. FIELD, SOIL SALINE WATER, SALINE SOIL, IRRIGATION FREQUENCY CHLORIDE UPTAKE, LEAF INJURY
794. GUSTAFSON, C. D.; KADMAN, A.; BEN-YA'ACOV, A. SODIUM 22 DISTRIBUTION IN ARCHED GRAFTED AVOCADO PLANTS. PROC. 18TH INTER. HORT. CONG. 1: 135, 1970. AVOCADO LAURACEAE: PERSEA AMERICANA. WATER CULTURE SODIUM, CHLORIDE, GRAFT, SCION ION TRANSLOCATION
795. GUTHRIE, F. B.; HELMS, R. POT EXPERIMENTS TO DETERMINE THE LIMITS OF ENDURANCE OF DIFFERENT FARM CROPS FOR CERTAIN INJURIOUS SUBSTANCES. PART I. WHEAT. AGRIC. GAZ. NEW SOUTH WALES 4: 114-120, 1903. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL SODIUM, CHLORIDE, CARBONATE GERMINATION, VEGETATIVE GROWTH
796. GUTHRIE, F. B.; HELMS, R. POT EXPERIMENTS TO DETERMINE THE LIMITS OF ENDURANCE OF DIFFERENT FARM CROPS FOR CERTAIN INJURIOUS SUBSTANCES. PART II. MAIZE. AGRIC. GAZ. NEW SOUTH WALES 15: 29-32, 1903. CORN GRAMINEAE: ZEA MAYS. SOIL, POT SODIUM, CHLORIDE, CARBONATE GERMINATION, VEGETATIVE GROWTH
797. GUTHRIE, F. B.; HELMS, R. POT EXPERIMENTS TO DETERMINE THE LIMITS OF ENDURANCE OF DIFFERENT FARM CROPS FOR CERTAIN INJURIOUS SUBSTANCES. PART III. BARLEY AND RYE. AGRIC. GAZ. NEW SOUTH WALES 16: 853-860, 1905. BARLEY, RYE GRAMINEAE: HORDEUM VULGARE, SECALE CEREALE. POT, SOIL SODIUM, CARBONATE, CHLORIDE GERMINATION, VEGETATIVE GROWTH
798. GUTTAY, A. J. R. IMPACT OF DEICING SALTS UPON THE ENDOMYCORRHIZAE OF ROADSIDE SUGAR MAPLES. SOIL SCI. SOC. AM. J.

- 40: 952-954. 1976. MAPLE, SUGAR ACERACEAE: ACER SACCHARUM. SOIL, FIELD DEICING SALT ENDOMYOPHRIZAE, LEAF INJURY, VEGETATIVE GROWTH, MINERAL COMPOSITION
799. HAAS, A. R. C. ACCUMULATIONS OF SALTS IN THE TIPS OF AVOCADO LEAVES IN RELATION TO TIPBURN. CALIF. AVOCADO ASSN. YEARBOOK 19: 105. 1935. AVOCADO LAURACEAE: PERSEA AMERICANA. LEAF INJURY
800. HAAS, A. R. C. BORON CONTENT OF CITRUS TREES GROWN ON VARIOUS ROOTSTOCKS. SOIL SCI. 59: 465-479. 1945. LEMON; SHADDOCK; POMELO; GRAPEFRUIT; ORANGE. SOUR; ORANGE, SWEET; TANGELO; MAMMARIN; CITRANGE; LEMON, ROUGH; ORANGE, TRIFOLIATE. RUTACEAE: CITRUS LIMON, CITRUS GRANDIS, CITRUS PARADISI, CITRUS AURANTIUM, CITRUS SINENSIS, CITRUS RETICULATA, PONCIRUS TRIFOLIATA. BORON, ROOTSTOCK, SCION BORON UPTAKE
801. HAAS, A. R. C. CALCIUM IN RELATION TO THE EFFECTS OF SODIUM IN AVOCADO SEEDLINGS. CALIF. AVOCADO SOC. YEARBOOK 35: 161-168. 1950. AVOCADO LAURACEAE: PERSEA AMERICANA. SAND, POT CALCIUM, SODIUM LEAF INJURY, VEGETATIVE GROWTH, MINERAL COMPOSITION
802. HAAS, A. R. C. CHLORINE IN RELATION TO RING-NECK IN AVOCADO FRUITS. CALIF. AVOCADO ASSOC. YEARBOOK 1936: 60-62. 1936. AVOCADO LAURACEAE: PERSEA AMERICANA. FIELD CHLORIDE RING-NECK DISEASE, CHLORIDE UPTAKE
803. HAAS, A. R. C. COMPOSITION OF AVOCADO TREES IN RELATION TO CHLOROSIS AND TIP BURN. BOT. GAZ. 87: 422-430. 1929. AVOCADO LAURACEAE: PERSEA AMERICANA. FIELD SALINE SOIL, CHLORIDE, SULFATE MINERAL COMPOSITION, LEAF INJURY
804. HAAS, A. R. C. EFFECT OF SODIUM CHLORIDE ON MEXICAN, GUATEMALAN AND WEST INDIAN AVOCADO SEEDLINGS. CALIF. AVOCADO SOC. YEARBOOK 35: 153-160. 1950. AVOCADO LAURACEAE: PERSEA AMERICANA. SAND, GREENHOUSE, SOIL CHLORIDE, SODIUM LEAF INJURY, CHLORIDE UPTAKE, MINERAL COMPOSITION
805. HAAS, A. R. C. INFLUENCE OF CHLORIDE ON PLANTS. SOIL SCI. 60: 53-61. 1945.
806. HAAS, A. R. C. MINERAL-ELEMENT DEFICIENCY OR EXCESS AND TIPBURN IN CITRUS LEAVES. CALIF. CITROG. 35: 198-199. 1950. ORANGE RUTACEAE: CITRUS SINENSIS. WATER CULTURE, FIELD BORON, CHLORIDE, SULFATE, PHOSPHORUS, POTASSIUM LEAF INJURY
807. HAAS, A. R. C. RELATION OF CHLORINE CONTENT TO TIP-BURN OF AVOCADO LEAVES. CALIF. AVOCADO ASSN. YEARBOOK 12: 57. 1928. AVOCADO LAURACEAE: PERSEA AMERICANA. FIELD SALINE SOIL LEAF INJURY, CHLORIDE UPTAKE
808. HAAS, A. R. C. SODIUM EFFECTS ON AVOCADO ROOTSTOCKS. CALIF. AVOCADO SOC. YEARBOOK 37: 150-166. 1952. AVOCADO LAURACEAE: PERSEA AMERICANA. POT, SAND ROOTSTOCK, SODIUM, VARIETY SODIUM UPTAKE, LEAF INJURY, SALT TOLERANCE
809. HAAS, A. R. C. TOXIC EFFECTS OF BORON ON FRUIT TREES. BOT. GAZ. 88: 115-131. 1929. LEMON; GRAPEFRUIT; ORANGE; WALNUT; AVOCADO, PECAN; POMELO; PEACH. RUTACEAE: CITRUS LIMON, CITRUS PARADISI, CITRUS SINENSIS; JUGLANDACEAE: CARYA ILLINOINENSIS, JUGLANS REGIA; LAURACEAE: PERSEA AMERICANA; ROSACEAE: PRUNUS PERSICA. POT, SAND, SOIL, WATER CULTURE BORON LEAF INJURY, BORON UPTAKE
810. HAAS, A. R. C.; BRUSCA, J. N. CHLORIDE TOXICITY IN AVOCADOS. CALIF. AGRIC. 9: 12-14. 1955. AVOCADO LAURACEAE: PERSEA AMERICANA. SAND, POT CHLORIDE, NITROGEN, VARIETY LEAF INJURY, CHLORIDE UPTAKE, MINERAL COMPOSITION
811. HAAS, A. R. C.; BRUSCA, J. N. SODIUM EFFECTS IN CITRUS SEEDLINGS. CALIF. CITROG. 39: 373, 375. 1954. CITRUS RUTACEAE: CITRUS. POT, SOIL SODIUM, NITRATE, VARIETY SODIUM UPTAKE, SEEDLING GROWTH, MINERAL COMPOSITION
812. HAAS, A. R. C.; THOMAS, E. E. EFFECT OF SULPHATE ON LEMON TREES. BOT. GAZ. 86: 345-354. 1928. LEMON RUTACEAE: CITRUS LIMON. SAND, POT CALCIUM, SULFATE LEAF INJURY, MINERAL COMPOSITION
813. HAAS, R. H.; MORTON, H. L.; TORELL, P. J. INFLUENCE OF SOIL SALINITY AND 2, 4-D TREATMENTS ON ESTABLISHMENT OF DESERT WHEAT GRASS AND CONTROL OF HALOGETON AND OTHER ANNUAL WEEDS. J. RANGE MANAGEMENT 15: 205-210. 1962.

- WHEATGRASS. DESERT: HALOGETON GRAMINEAE: AGROPYRON DESERTORUM; CHENOPODIACEAE: HALOGETON GLOMERATUS. SOIL.
FIELD PLOT SODIUM, CHLORIDE. HERBICIDE VEGETATIVE GROWTH
- B14. HABIB, A. F.; RAO, T. S.; MENSINKAI, S. W. SALT TOLERANCE IN METHI AT GERMINATION STAGE. CURR. SCI. 40: 67. 1971.
FENUGREEK LEGUMINOSAE: TRIGONELLA FOENUM-GRaecUM. GERMINATION DISHES SODIUM, CHLORIDE GERMINATION
- B15. HABIB, I. M.; AL-ANI, T. A.; AL-MUFTI, M. M.; AL-TAWIL, B. H.; TAKESSIAN, B. A. PLANT INDICATORS IN IRAQ. PART I.
NATIVE VEGETATION AS INDICATORS OF SOIL SALINITY AND WATERLOGGING. PLANT SOIL 34: 405-414. 1971.
CHENOPODIACEAE: HALOCNEMUM STROBILACEUM, SUAEDA, SEIDLITZIA ROSMARINUS, SALSOLA VERMICULATA; LEGUMINOSAE: ALHAGI
MAURORUM, PROSOPIS FARCTA; CONVULVULACEAE: CRESSA CRETICA. FIELD SALINE SOIL ECOLOGY
- B16. HABITAT SCHOOL OF ENVIRONMENT DE-ICING SALTS AND THE ENVIRONMENT. HABITAT, INC., BELMONT MASS.: 50 PP. 1972.
SODIUM, CALCIUM, CHLORIDE, DEICING SALT
- B17. HAGEMAN, R. H.; HARTMAN, E. L. INJURIES PRODUCED BY SALINE AND ALKALINE WATERS ON GREENHOUSE PLANTS AND THE
ALLEVIATION OF ALKALINE INJURY BY NEUTRALIZATION. AMER. SOC. HORT. SCI. PROC. 39: 375-380. 1941. TOMATO
SOLANACEAE: LYCOPERSICON ESCULENTUM. SAND, POT SODIUM, BICARBONATE, SULFURIC ACID, NITRIC ACID, PHOSPHORIC
ACID, SUPERPHOSPHATE, SULFUR VEGETATIVE GROWTH, MINERAL COMPOSITION
- B18. HALKET, A. C. THE EFFECT OF SALT ON THE GROWTH OF SALICORNIA. ANN. BOT. 29: 143-154. 1915. CHENOPODIACEAE:
SALICORNIA PAMOSISSIMA, SUAEDA MARITIMA, SALICORNIA OLIVERI; GRAMINEAE: GLYCERIA MARITIMA. POT. SOIL. WATER
CULTURE SEA WATER, SODIUM, CHLORIDE VEGETATIVE GROWTH
- B19. HALL, J. L.; FLOWERS, T. J. THE EFFECT OF SALT ON PROTEIN SYNTHESIS IN THE HALCPHYTE SUAEDA MARITIMA. PLANTA 110:
361-368. 1973. CHENOPODIACEAE: SUAEDA MARITIMA. POTASSIUM, SODIUM, CHLORIDE, MAGNESIUM LEUCINE, PROTEIN
- B20. HALL, R.; HOFSTRA, G. SALT SPRAY DAMAGE TO ROADSIDE PINE AND WHITE CEDAR. PHYTOPATH. 61: 12B. 1971. PINE, WHITE;
CEDAR, WHITE; PINE, RED; PINE, SCOTS; PINE, AUSTRIAN CUPRESSACEAE: CHAMAECYPARIS THYOIDES; PINACEAE: PINUS NIGRA,
PINUS STROBUS, PINUS RESINOSA, PINUS SYLVESTRIS. FIELD DEICING SALT LEAF INJURY
- B21. HALL, R.; HOFSTRA, G.; LUMIS, G. P. EFFECTS OF DEICING SALT ON EASTERN WHITE PINE: FOLIAR INJURY, GROWTH SUPPRESSION,
AND SEASONAL CHANGES IN FOLIAR CONCENTRATIONS OF SODIUM AND CHLORIDE. CAN. J. FOR. RES. 2: 244-249. 1972.
PINE, WHITE PINACEAE: PINUS STROBUS. POT, SOIL, FIELD SALT SPRAY, DEICING SALT SODIUM UPTAKE, CHLORIDE
UPTAKE, LEAF INJURY
- B22. HALL, R.; HOFSTRA, G.; LUMIS, G. P. LEAF NECROSIS OF ROADSIDE SUGAR MAPLE IN ONTARIO IN RELATION TO ELEMENTAL
COMPOSITION OF SOIL AND LEAVES. PHYTOPATH. 63: 1426-1427. 1973. MAPLE, SUGAR ACERACEAE: ACER SACCHARUM.
SOIL, FIELD DEICING SALT MINERAL COMPOSITION, LEAF INJURY
- B23. HALL, V. L.; TAKETT, D. L. EFFECT OF PLANT SURVIVAL ON YIELD OF RICE GROWING ON ALKALINE SOILS. ARKANSAS FARM RES.
11: 1 PP. 1962. RICE GRAMINEAE: ORYZA SATIVA. FIELD, SOIL SEED PRETREATMENT, NITROGEN, FERTILIZER
VEGETATIVE GROWTH
- B24. HALL, V. L.; THOMPSON, L. F. SALINITY AND ALKALINITY OF RICE SOILS IN ARKANSAS. ARKANSAS FARM RES. 11: 1 PP. 1962.
RICE GRAMINEAE: ORYZA SATIVA.
- B25. HALPERN, E. TALL WHEATGRASS: ITS ESTABLISHMENT IN MODERATELY SALTY SOILS. TASMAN J. AGRIC. TASMAN DEPT. AGRIC. 47:
109-110. 1976. WHEATGRASS, TALL GRAMINEAE: AGROPYRON ELONGATUM.
- B26. HALSEY, D. D.; SPENCER, J. R.; BRANSON, R. L.; MARSH, A. W. VINEYARD SALINITY PROBLEMS CORRECTED WITH SPECIAL LEACHING
IN COACHELLA VALLEY TRIALS. CALIF. AGRIC. 17: 1-3. 1963. GRAPE VITACEAE: VITIS. FIELD, SOIL SALINE SOIL.
LEACHING VEGETATIVE GROWTH, RECLAMATION

827. HAMID, A.; TALIBUDEEN, O. EFFECT OF SODIUM ON THE GROWTH OF AND ION UPTAKE BY BARLEY, SUGARBEET, AND BROAD BEANS. J. AGRIC. SCI. (CAMBRIDGE) 86: 49-56. 1976. BARLEY; BEET, SUGAR; BEAN, BROAD GRAMINEAE: HORDEUM VULGARE; CHENOPODIACEAE: BETA VULGARIS; LEGUMINOSAE: VICIA FABA. GREENHOUSE, POT, SOIL SODIUM, CHLORIDE GERMINATION, VEGETATIVE GROWTH, SODIUM UPTAKE, TRANSPIRATION
828. HANES, R. E.; ZELAZNY, L. W.; BLASER, R. E. EFFECTS OF DEICING SALTS ON WATER QUALITY AND BIOTA. TRANSPORTATION RES. BOARD, NAT. COOP. HIGHWAY RES. PROGRAM REPT. 91: 70 PP. 1970. DEICING SALT SALT TOLERANCE
829. HANES, R. E.; ZELAZNY, L. W.; BLASER, R. E. SALT TOLERANCE OF TREES AND SHRUBS TO DE-ICING SALTS. TRANSPORTATION RES. BOARD, HIGHWAY RES. RECORD 335: 16-18. 1970. TREE; SHRUB; ASH, GREEN; MAPLE, SUGAR; BIRCH, WHITE; LOCUST, HONEY THORNLESS; POPLAR, TULIP; REDBUD; HONEYSUCKLE, TATARIAN; FORSYTHIA, SPRING GLORY; SPIRAEA; PRIVET, AMUR; WEIGELA, RED FLOWERED; ROSE; JUNIPER, CREEPING; JUNIPER, PFITZER; ADAM'S NEEDLE; PINE, WHITE; SPRUCE, NORWAY; HEMLOCK, CANADIAN PINACEAE: PINUS STROBUS, PICEA ABIES, TSUGA CANADENSIS; AGAVACEAE: YUCCA FILAMENTOSA; CUPRESSACEAE: JUNIPERUS CHINENSIS "PFITZERANA", JUNIPERUS HORIZONTALIS "PLUMOSA"; ROSACEAE: ROSA MULTIFLORA, SPIRAEA VANHOUTTEI; CAPRIFOLIACEAE: WEIGELA FLORIDA "EVA RATHKE", LONICERA TATARICA; OLEACEAE: LIGUSTRUM AMURENSE, FORSYTHIA INTERMEDIA SPECTABILIS, FRAXINUS PENNSYLVANICA; ACERACEAE: ACER SACCHARUM; CORYLACEAE: BETULA PENDULA; LEGUMINOSAE: CERCIS CANADENSIS, GLEDITSIA TRIACANTHOS VAR INERMIS; MAGNOLIACEAE: LIRIODENDRON TULIPIFERA. SOIL, FIELD PLOT DEICING SALT, SODIUM, CALCIUM, CHLORIDE SALT TOLERANCE
830. HANIF, M.; QURESHI, R. H.; RAJOKA, M. I.; SANDHU, G. R. USE OF SALINE-SODIC WATER FOR CROP PRODUCTION. I. EFFECT OF AMENDED AND UNAMENDED SALINE-SODIC WATER ON GROWTH OF MAIZE AND PROPERTIES OF A NORMAL LOAM SOIL. NUCLEUS 12: 39-42. 1975. CORN GRAMINEAE: ZEA MAYS. SOIL, POT CHOLINE, CHLORIDE, GYPSUM VEGETATIVE GROWTH
831. HANKS, R. J.; SULLIVAN, T. E.; HUNSAKER, V. E. CORN AND ALFALFA PRODUCTION AS INFLUENCED BY IRRIGATION AND SALINITY. SOIL SCI. SOC. AM. J. 41: 606-610. 1977. CORN; ALFALFA GRAMINEAE: ZEA MAYS; LEGUMINOSAE: MEDICAGO SATIVA. FIELD PLOT SPRINKLER IRRIGATION, CALCIUM, CHLORIDE, SODIUM, SULFATE VEGETATIVE GROWTH, GRAIN YIELD
832. HANNON, N. J.; BARBER, H. N. THE MECHANISM OF SALT TOLERANCE IN NATURALLY SELECTED POPULATIONS OF GRASSES. SEARCH 3: 259-260. 1972. FESCUE, RED; BENTGRASS GRAMINEAE: FESTUCA RUBRA, AGROSTIS STOLONIFERA. SAND SEA WATER SODIUM UPTAKE, MINERAL COMPOSITION, SALT TOLERANCE
833. HANNON, N.; BRADSHAW, A. D. EVOLUTION OF SALT TOLERANCE IN TWO COEXISTING SPECIES OF GRASS. NATURE 220: 1342-1343. 1968. FESCUE, RED; BENTGRASS GRAMINEAE: FESTUCA RUBRA, AGROSTIS STOLONIFERA. SAND, WATER CULTURE SEA WATER ROOT GROWTH, SALT TOLERANCE
834. HANSEN, C. J. BORON-EXCESS INJURY. USDA AGRIC. HANDBOOK 10: 246-248. 1951. ALMOND; APRICOT; CHERRY, SWEET; PEACH; PLUM, JAPANESE; PLUM ROSACEAE: PRUNUS AMYGDALUS, PRUNUS ARMENIACA, PRUNUS AVIUM, PRUNUS PERSICA, PRUNUS SALICINA, PRUNUS DOMESTICA. SOIL BORON LEAF INJURY
835. HANSEN, C. J. THE EFFECT OF BORON ON DECIDUOUS FRUIT TREES. BLUE ANCHOR 22: 12-15. 1945. PEAR; APPLE; APRICOT; PEACH; PLUM, CHERRY ROSACEAE: PRUNUS ARMENIACA, MALUS SYLVESTRIS, PRUNUS PERSICA, PYRUS COMMUNIS, PRUNUS DOMESTICA, PRUNUS
836. HANSEN, C. J. INFLUENCE OF THE ROOTSTOCK ON INJURY FROM EXCESS BORON IN FRENCH (AGEN) PRUNE AND PRESIDENT PLUM. AMER. SOC. HORT. SCI. PROC. 51: 239-244. 1948. PRUNE; PLUM ROSACEAE: PRUNUS DOMESTICA. POT, SOIL BORON, ROOTSTOCK LEAF INJURY, BORON UPTAKE
837. HANSEN, C. J. INFLUENCE OF THE ROOTSTOCK ON INJURY FROM EXCESS BORON IN NONPAREIL ALMOND AND ELBERTA PEACH. AMER. SOC. HORT. SCI. PROC. 65: 128-132. 1955. ALMOND; PEACH ROSACEAE: PRUNUS AMYGDALUS, PRUNUS PERSICA. POT, SOIL ROOTSTOCK, BORON BORON UPTAKE, LEAF INJURY
838. HANSEN, D. CROPS ON ALKALI LAND, HUNTLEY PROJECT, MONTANA. USDA BULL. 135: 19 PP. 1914. RYE; WHEAT; ALFALFA; BEET, SUGAR GRAMINEAE: SECALE CEREALE, TRITICUM AESTIVUM; LEGUMINOSAE: MEDICAGO SATIVA; CHENOPODIACEAE: BETA

- VULGARIS. FIELD. SOIL SALINE SOIL. ALKALI SOIL. SODIUM. CALCIUM. MAGNESIUM. SULFATE. GREEN MANURE RECLAMATION
839. HANSEN, D. J.; DAYANANDAN, P.; KAUFMAN, P. B.; BROTHERTON, J. D. ECOLOGICAL ADAPTATION OF SALT MARSH GRASS, *DISTICHLIS SPICATA* AND ENVIRONMENTAL FACTORS AFFECTING ITS GROWTH AND DISTRIBUTION. AMER. J. BOT. 63: 635-650. 1976. SALTGRASS GRAMINEAE: *DISTICHLIS SPICATA*. FIELD. SOIL. GREENHOUSE. WATER CULTURE SALINE SOIL. SODIUM. POTASSIUM. CHLORIDE MORPHOLOGY. ANATOMICAL RESPONSE. CYTOLOGY. ECOLOGY
840. HANSEN, P. THE EFFECT OF BORON UPON LEAF DEVELOPMENT AND GROWTH OF THE APPLE CULTIVAR "COX'S-ORANGE-PIPPIN." J. HORT. SCI. 49: 211-216. 1974. APPLE ROSACEAE: *MALUS*. GREENHOUSE. SAND. POT. FIELD BORON LEAF INJURY. MINERAL COMPOSITION. VEGETATIVE GROWTH
841. HARDING, R. B.; MILLER, M. P.; FIREMAN, M. ABSORPTION OF SALTS BY CITRUS LEAVES DURING SPRINKLING WITH WATER SUITABLE FOR SURFACE IRRIGATION. AMER. SOC. HORT. SCI. PROC. 71: 248-256. 1958. ORANGE PUTACEAE: *CITRUS*. FIELD. SOIL SPRINKLER IRRIGATION. IRRIGATION METHOD. FURROW IRRIGATION. SALINE WATER LEAF INJURY. MINERAL COMPOSITION
842. HARDING, R. B.; MILLER, M. P.; FIREMAN, M. SODIUM AND CHLORIDE ABSORPTION BY CITRUS LEAVES FROM SPRINKLER-IRRIGATION. CITRUS LEAVES 36: 6-8. 33. 1956. ORANGE; GRAPEFRUIT RUTACEAE: *CITRUS SINENSIS*, *CITRUS PARADISI*. FIELD. SOIL. SPRINKLER IRRIGATION SALINE WATER MINERAL COMPOSITION. LEAF INJURY
843. HARDING, R. B.; PRATT, P. F.; JONES, W. W. CHANGES IN SALINITY, NITROGEN, AND SOIL REACTION IN A DIFFERENTIALLY FERTILIZED IRRIGATED SOIL. SOIL SCI. 85: 177-184. 1958. ORANGE RUTACEAE: *CITRUS SINENSIS*. FIELD. SOIL CALCIUM. SODIUM. NITRATE. AMMONIUM. SULFATE. MANURE. GYPSUM. UREA. LIME FRUIT YIELD
844. HARGA, A. A.; SALAM, M. A. A. SALINITY APPRAISAL UNDER THE HIGHLY CALCAREOUS SOILS CONDITION OF THE WESTERN COASTAL LITTORAL OF EGYPT. DESERT INST. BULL. A.R.E. 22: 369-379. 1972. CORN GRAMINEAE: *ZEA MAYS*. POT. SOIL SODIUM. CALCIUM. MAGNESIUM. BORON MINERAL COMPOSITION
845. HARPER, H. J. EFFECT OF CHLORIDE ON PHYSICAL APPEARANCE AND CHEMICAL COMPOSITION OF LEAVES OF PECAN AND OTHER NATIVE OKLAHOMA TREES. OKLA. AGRIC. EXPT. STA. TECH. BULL. T-23: 30 PP. 1946. PECAN; ASH; ELM; BOX ELDER; HACKBERRY; HICKORY; MULBERRY; OAK. BUR; PERSIMMON; OAK. RED; WILLOW; WALNUT; CHITTAMWOOD JUGLANDACEAE: *CARYA ILLINOIENSIS*. *CARYA*. JUGLANS; OLEACEAE: *FRAXINUS*; ULMACEAE: *ULMUS*. CELTIS; ACERACEAE: *ACER NEGUNDO*; MORACEAE: *MORUS*; FAGACEAE: *QUERCUS MACROCARPA*. *QUERCUS BOREALIS*; EBENACEAE: *DIOSPYROS*; SALICACEAE: *SALIX*; SAPOTACEAE: *BUMELIA LANUGINOSA*. SOIL. FIELD CHLORIDE. SALINE SOIL. SALINE WATER LEAF INJURY. CHLORIDE UPTAKE. ASH
846. HARRIS, F. S. EFFECT OF ALKALI SALTS IN SOILS ON THE GERMINATION AND GROWTH OF CROPS. J. AGRIC. RES. 5: 1-52. 1915. WHEAT; BEET. SUGAR; BARLEY; OATS; CORN; ALFALFA; PEA GRAMINEAE: *TRITICUM AESTIVUM*, *HORDEUM VULGARE*, *ZEA MAYS*. *AVENA SATIVA*; LEGUMINOSAE: *MEDICAGO SATIVA*, *PISUM SATIVUM*; CHENOPODIACEAE: *BETA VULGARIS*. POT. SAND. SOIL. GERMINATION DISHES SODIUM. CHLORIDE. CARBONATE. SULFATE. MAGNESIUM. CALCIUM. POTASSIUM. NITRATE VEGETATIVE GROWTH. GERMINATION
847. HARRIS, F. S. EFFECT OF SOIL ALKALI ON PLANT GROWTH. TRANS. UTAH ACAD. SCI. (1908-1917): 131-138. 1917. BARLEY; OATS; WHEAT; ALFALFA; BEET. SUGAR; CORN; PEA GRAMINEAE: *HORDEUM VULGARE*, *AVENA SATIVA*, *TRITICUM AESTIVUM*, *ZEA MAYS*; LEGUMINOSAE: *PISUM SATIVUM*, *MEDICAGO SATIVA*; CHENOPODIACEAE: *BETA VULGARIS*. SAND. SOIL. WATER CULTURE ALKALINE SOIL GERMINATION. VEGETATIVE GROWTH
848. HARRIS, F. S.; PITTMAN, D. W. RELATIVE RESISTANCE OF VARIOUS CROPS TO ALKALI. UTAH AGRIC. EXPT. STA. BULL. 168: 23 PP. 1919. OATS; BARLEY; WHEAT; CORN; RYE; MILLET; VETCH HAIRY; COWPEA; SORGHUM; FETTERIT; LENTIL; ALFALFA; CLOVER. SWEET; CLOVER. RED; CLOVER. ALSIKE; CLOVER. BERSEED; BEAN. TEPARY; RYEGRASS. PERENNIAL; RYEGRASS. ITALIAN; SUDAN GRASS; FESCUE. MEADOW; TIMOTHY; ORCHARD GRASS; BLUEGRASS. KENTUCKY; RADISH; MUSKMELON; TURNIP; ONION; KOHLRABI; BEET. SUGAR; BUCKWHEAT; HEMP; FLAX; RAPE GRAMINEAE: *HORDEUM VULGARE*, *TRITICUM AESTIVUM*, *AVENA SATIVA*, *ZEA MAYS*, *SECALE CEREALE*, *SETARIA ITALICA*, *LOLIUM PERENNE*, *LOLIUM MULTIFLORUM*, *SORGHUM SULANENSE*, *FESTUCA ELATIOR*, *PHLEUM PRATENSE*, *DACTYLIS GLOMERATA*, *POA PRATENSIS*, *SORGHUM VULGARE*, *SORGHUM VULGARE VAR CAUDATUS*; LEGUMINOSAE: *VIGNA SINENSIS*, *VICIA VILLOSA*, *MEDICAGO SATIVA*, *MELILOTUS*, *TRIFOLIUM PRATENSE*, *TRIFOLIUM HYBRIDUM*, *TRIFOLIUM*

- ALEXANDRINUM. PHASEOLUS VULGARIS. PHASEOLUS ACUTIFOLIUS. LENS CULINARIS. CRUCIFERAE: RAPHANUS SATIVUS. BRASSICA RAPA. BRASSICA CAULORAPA. BRASSICA NAPUS; CUCURBITACEAE: CUCUMIS MELO; AMARYLLIDACEAE: ALLIUM CEPA; CHENOPODIACEAE: BETA VULGARIS; POLYGONACEAE: FAGOPYRUM ESCULENTUM; MORACEAE: CANNABIS SATIVA; LINACEAE: LINUM USITATISSIMUM. POT. SOIL SODIUM. CHLORIDE. CARBONATE. SULFATE. VARIETY GERMINATION. VEGETATIVE GROWTH
849. HARRIS, J. A. THE CORRELATION BETWEEN THE SOIL SALINITY AND FLOWERING DATE IN COTTON. J. AGRIC. RES. 38: 109-112. 1929. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. GOSSYPIUM BARBADENSE. FIELD PLOT. SOIL SALINE SOIL FLOWERING
850. HARRIS, J. A. A POSSIBLE RELATIONSHIP BETWEEN SOIL SALINITY AND STAND IN COTTON. J. AGRIC. RES. 37: 213-231. 1928. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. GOSSYPIUM BARBADENSE. FIELD PLOT. SOIL SALINE SOIL SEEDLING GROWTH. GERMINATION
851. HARRIS, J. A. THE RELATIONSHIP BETWEEN THE CONCENTRATION OF THE SOIL SOLUTION AND THE PHYSIOCHEMICAL PROPERTIES OF THE LEAF TISSUE FLUIDS OF EGYPTIAN AND UPLAND COTTON. J. AGRIC. RES. 32: 605-647. 1926. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. GOSSYPIUM BARBADENSE. FIELD PLOT SALINE SOIL OSMOTIC POTENTIAL. CHLORIDE UPTAKE. SULFATE UPTAKE
852. HARRIS, J. A.; GORTNER, R. A.; HOFFMAN, W. F.; LAWRENCE, J. V.; VALENTINE, A. T. THE OSMOTIC CONCENTRATION, SPECIFIC ELECTRICAL CONDUCTIVITY AND CHLORIDE CONTENT OF THE INDICATOR PLANTS OF TOOLE VALLEY, UTAH. J. AGRIC. RES. 27: 893-924. 1924. TREE: GRASS: NATIVE VEGETATION: SHRUB: HERB FIELD. SOIL SALINE SOIL CHLORIDE UPTAKE. OSMOTIC POTENTIAL. ECOLOGY
853. HARRIS, J. A.; LAWRENCE, J. V.; LAWRENCE, Z. W. THE CHLORIDE CONTENT OF THE LEAF TISSUE FLUIDS OF EGYPTIAN AND UPLAND COTTON. J. AGRIC. RES. 28: 695-704. 1924. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. GOSSYPIUM BARBADENSE. FIELD PLOT. SOIL SALINE SOIL CHLORIDE UPTAKE
854. HARRIS, J. A.; PASCOE, T. A. FURTHER STUDIES ON THE RELATIONSHIP BETWEEN THE CONCENTRATION OF THE SOIL SOLUTION AND THE PHYSICOCHEMICAL PROPERTIES OF THE LEAF TISSUE FLUIDS OF COTTON. J. AGRIC. RES. 41: 767-788. 1930. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. GOSSYPIUM BARBADENSE. SOIL. FIELD PLOT SALINE SOIL OSMOTIC POTENTIAL. CHLORIDE UPTAKE. SULFATE UPTAKE
855. HARRISON, G. J.; KING, C. J. AGE OF SEEDLINGS AS A FACTOR IN THE RESISTANCE OF MAIZE TO SODIUM CHLORIDE. J. AGRIC. RES. 31: 633-640. 1925. CORN GRAMINEAE: ZEA MAYS. WATER CULTURE. POT SODIUM. CHLORIDE SEEDLING GROWTH
856. HARSHBERGER, J. W. THE VEGETATION OF THE SALT MARSHES OF NORTHERN COASTAL NEW JERSEY. PROC. ACAD. NAT. SCI. PHILA.: 373-400. 1909. GRAMINEAE: SPARTINA STRICTA MARITIMA, SPARTINA PATENS, DISTICHLIS SPICATA; CHENOPODIACEAE: SALICORNIA HERBACEA, SALICORNIA MUCRONATA, ATRIPLEX HASTATA, SUAEDA MARITIMA, ATRIPLEX PATULA; COMPOSITAE: BACCHARIS HALIMIFOLIA, SOLIDAGO SEMPERVIRENS; PLUMBAGINACEAE: LIMONIUM CAROLINIANUM; JUNCACEAE: JUNCUS GERARDI; TYPHACEAE: TYPHA ANGUSTIFOLIA; CYPERACEAE: SCIRPUS ROBUSTUS; SCROPHULARIACEAE: GERARDIA PURPUREA; RUPPIACEAE: RUPPIA MARITIMA; PLANTAGINACEAE: PLANTAGO MARITIMA. FIELD. SOIL SEA WATER. SODIUM. CHLORIDE ECOLOGY
857. HARTER, L. L. THE INFLUENCE OF A MIXTURE OF SOLUBLE SALTS, PRINCIPALLY SODIUM CHLORIDE, UPON THE LEAF STRUCTURE AND TRANSPIRATION OF WHEAT, OATS, AND BARLEY. USDA BUR. PLANT IND. BULL. 134: 22 PP. 1908. WHEAT; OATS; BARLEY GRAMINEAE: TRITICUM DURUM, AVENA SATIVA, HORDEUM VULGARE. GREENHOUSE. SOIL. POT SODIUM. CHLORIDE. SULFATE. BICARBONATE. POTASSIUM TRANSPIRATION. HISTOLOGY
858. HARTER, L. L. THE VARIABILITY OF WHEAT VARIETIES IN RESISTANCE TO TOXIC SALTS. USDA BULL. 79: 48 PP. 1905. WHEAT GRAMINEAE: TRITICUM AESTIVUM, TRITICUM DURUM. WATER CULTURE. POT SODIUM. CHLORIDE. SULFATE. CARBONATE. BICARBONATE. MAGNESIUM. VARIETY SALT TOLERANCE. MINERAL COMPOSITION
859. HASEGAWA, S.; YAMAGUTI, T. EFFECTS OF BRINY WIND ON RICE PLANTS. I. INJURIES CAUSED BY THE TYPHOONS NO. 12 AND NO. 15 IN 1954. (JAP: ENG SUM). PROC. CROP SCI. SOC. JAPAN 24: 85-87. 1955. RICE GRAMINEAE: ORYZA SATIVA. FIELD. SOIL SALT SPRAY CHLORIDE UPTAKE. GRAIN YIELD. SEED WEIGHT

860. HASSAN, M. N. THE EFFECT OF SINGLE SALT SOLUTIONS ON THE HISTOGENESIS OF RADISH SEEDLINGS. ALEXANDRIA J. AGRIC. RES. 2: 20-27. 1954. RADISH CRUCIFERAE: RAPHANUS SATIVUS. SAND CHLORIDE, LITHIUM, SODIUM, POTASSIUM, MAGNESIUM, CALCIUM, BARIUM HISTOLOGY
861. HASSAN, M. N.; OVERSTREET, R. ELONGATION OF SEEDLINGS AS A BIOLOGICAL TEST OF ALKALI SOILS. I. EFFECTS OF IONS ON ELONGATION. SOIL SCI. 73: 315-326. 1952. RADISH CRUCIFERAE: RAPHANUS SATIVUS. SAND CHLORIDE, POTASSIUM, AMMONIUM, SODIUM, RUBIDIUM, LITHIUM, CALCIUM, NITRATE, SULFATE, CESIUM ROOT GROWTH
862. HASSAN, N. A. K.; DREW, J. V.; KNUDSEN, D.; OLSON, R. A. INFLUENCE OF SOIL SALINITY ON PRODUCTION OF DRY MATTER AND UPTAKE AND DISTRIBUTION OF NUTRIENTS IN BARLEY AND CORN: I. BARLEY (HORDEUM VULGARE L.). AGRON. J. 62: 43-45. 1970. BARLEY GRAMINEAE: HORDEUM VULGARE. GREENHOUSE, SOIL, POT SODIUM, MAGNESIUM, SULFATE, CALCIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION
863. HASSAN, N. A. K.; DREW, J. V.; KNUDSEN, D.; OLSON, R. A. INFLUENCE OF SOIL SALINITY ON PRODUCTION OF DRY MATTER AND UPTAKE AND DISTRIBUTION OF NUTRIENTS IN BARLEY AND CORN: II. CORN (ZEA MAYS L.). AGRON. J. 62: 46-48. 1970. CORN GRAMINEAE: ZEA MAYS. GREENHOUSE, SOIL, POT SODIUM, MAGNESIUM, SULFATE, CALCIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION
864. HASSON-PORATH, E.; KAHANA, I.; POLJAKOFF-MAYBER, A. THE EFFECT OF CHLORIDE AND SULPHATE TYPES OF SALINITY ON GROWTH AND ON OSMOTIC ADAPTATION OF PEA SEEDLINGS. PLANT SOIL 36: 449-459. 1972. PEA LEGUMINOSAE: PISUM SATIVUM. VERMICULITE, POT. GROWTH CHAMBER SODIUM, CHLORIDE, SULFATE GERMINATION, OSMOTIC POTENTIAL, VEGETATIVE GROWTH, SODIUM UPTAKE, CHLORIDE UPTAKE
865. HASSON-PORATH, E.; POLJAKOFF-MAYBER, A. CONTENT OF ADENOSINE PHOSPHATE COMPOUNDS IN PEA ROOTS GROWN IN SALINE MEDIA. PLANT PHYSIOL. 47: 109-113. 1971. PEA LEGUMINOSAE: PISUM SATIVUM. VERMICULITE, GROWTH CHAMBER SODIUM, CHLORIDE, SULFATE ADENOSINE TRIPHOSPHATE, ADENOSINE DIPHOSPHATE, ADENOSINE MONOPHOSPHATE
866. HASSON-PORATH, E.; POLJAKOFF-MAYBER, A. EFFECT OF CHLORIDE AND SULPHATE TYPES OF SALINITY ON THE NICOTINAMIDE-ADENINE-DINUCLEOTIDES IN PEA ROOT TIPS. J. EXPT. BOT. 21: 300-303. 1970. PEA LEGUMINOSAE: PISUM SATIVUM. VERMICULITE SODIUM, CHLORIDE, SULFATE NICOTINAMIDE ADENINE DINUCLEOTIDE
867. HASSON-PORATH, E.; POLJAKOFF-MAYBER, A. THE EFFECT OF SALINITY ON THE MALIC DEHYDROGENASE OF PEA ROOTS. PLANT PHYSIOL. 44: 1031-1034. 1969. PEA LEGUMINOSAE: PISUM SATIVUM. VERMICULITE SODIUM, CHLORIDE, SULFATE MALATE DEHYDROGENASE
868. HASSON-PORATH, E.; POLJAKOFF-MAYBER, A. LACTIC ACID CONTENT AND FORMATION IN PEA ROOTS EXPOSED TO SALINITY. PLANT CELL PHYSIOL. 11: 891-897. 1970. PEA LEGUMINOSAE: PISUM SATIVUM. VERMICULITE SODIUM, CHLORIDE, SULFATE LACTIC ACID, ENZYME ACTIVITY, LACTIC DEHYDROGENASE ACTIVITY
869. HATCHER, J. T.; BLAIR, G. Y.; BOWER, C. A. RESPONSE OF BEANS TO DISSOLVED AND ABSORBED BORON. SOIL SCI. 88: 98-100. 1959. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. SOIL SOIL TYPE, BORON BORON UPTAKE
870. HAYWARD, H. E. FACTORS AFFECTING THE SALT TOLERANCE OF HORTICULTURAL CROPS. INT. HORT. CONG. REPT. 14 (NETHERLANDS) 1: 385-399. 1955. FRUIT TREE: VEGETABLE CHLORIDE, SODIUM, CALCIUM, SULFATE, BICARBONATE, BORON SALT TOLERANCE
871. HAYWARD, H. E. PLANT GROWTH UNDER SALINE CONDITIONS. IN REVIEWS OF RESEARCH ON PROBLEMS OF UTILIZATION OF SALINE WATER. ARID ZONE PROGRAMME, UNESCO, PARIS. IV: 37-71. 1954.
872. HAYWARD, H. E. SALINITY IN WESTERN IRRIGATED SOILS. AMER. FRUIT GROWER (WESTERN SECTION) 73: 12A-12B. 1953. FRUIT TREE
873. HAYWARD, H. E.; BERNSTEIN, L. PLANT-GROWTH RELATIONSHIPS ON SALT-AFFECTED SOILS. BOT. REV. 24: 584-635. 1958.

VINE; GRAIN CROP; LEGUME; VEGETABLE; FORAGE CROP; FRUIT TREE; SHRUB; FLOWER; TREE; NATIVE VEGETATION SALT TOLERANCE, GERMINATION

874. HAYWARD, H. E.; BLAIR, W. M. SOME RESPONSES OF VALENCIA ORANGE SEEDLINGS TO VARYING CONCENTRATIONS OF CHLORIDE AND HYDROGEN IONS. AMER. J. BOT. 29: 148-155. 1942. ORANGE RUTACEAE: CITRUS SINENSIS. GREENHOUSE, WATER CULTURE CHLORIDE, SODIUM, MAGNESIUM, CALCIUM, PH LEAF INJURY, VEGETATIVE GROWTH, MORPHOLOGY, ANATOMICAL RESPONSE, TOXICITY, HISTOLOGY, ROOT GROWTH
875. HAYWARD, H. E.; LONG, E. M. ANATOMICAL AND PHYSIOLOGICAL RESPONSES OF THE TOMATO TO VARYING CONCENTRATIONS OF SODIUM CHLORIDE, SODIUM SULFATE, AND NUTRIENT SOLUTIONS. BOT. GAZ. 102: 437-462. 1941. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. POT, SAND, GREENHOUSE SODIUM, CHLORIDE, SULFATE ANATOMICAL RESPONSE, SEEDLING GROWTH, OSMOTIC POTENTIAL, SODIUM UPTAKE, CHLORIDE UPTAKE, VEGETATIVE GROWTH
876. HAYWARD, H. E.; LONG, E. M. SOME EFFECTS OF SODIUM SALTS ON THE GROWTH OF THE TOMATO. PLANT PHYSIOL. 18: 556-569. 1943. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. SAND, GREENHOUSE SODIUM, CHLORIDE, SULFATE OSMOTIC PRESSURE, VEGETATIVE GROWTH, HISTOLOGY, FLOWERING, MINERAL COMPOSITION
877. HAYWARD, H. E.; LONG, E. M. VEGETATIVE RESPONSES OF THE ELBERTA PEACH ON LOVELL AND SHALIL ROOTSTOCKS TO HIGH CHLORIDE AND HIGH SULFATE SOLUTIONS. PROC. AMER. SOC. HORT. SCI. 41: 149-155. 1942. PEACH ROSACEAE: PRUNUS PERSICA. SAND TANK ROOTSTOCK, CHLORIDE, SULFATE, SODIUM, MAGNESIUM, CALCIUM VEGETATIVE GROWTH, LEAF INJURY
878. HAYWARD, H. E.; LONG, E. M.; UHVITS, R. THE EFFECT OF CHLORIDE AND SULFATE SALTS ON THE GROWTH AND DEVELOPMENT OF THE ELBERTA PEACH ON SHALIL AND LOVELL ROOTSTOCKS. USDA TECH. BULL. 922: 48 PP. 1946. PEACH ROSACEAE: PRUNUS PERSICA. SAND TANK CHLORIDE, SULFATE, SODIUM, MAGNESIUM, CALCIUM, ROOTSTOCK FLOWERING, MORPHOLOGY, VEGETATIVE GROWTH, LEAF INJURY, MINERAL COMPOSITION, SUCROSE
879. HAYWARD, H. E.; MAGISTAD, O. C. THE SALT PROBLEM IN IRRIGATION AGRICULTURE. USDA MISC. PUBL. 507: 27 PP. 1946. SALT TOLERANCE
880. HAYWARD, H. E.; SPURR, W. B. THE TOLERANCE OF FLAX TO SALINE CONDITIONS: EFFECT OF SODIUM CHLORIDE, CALCIUM CHLORIDE, AND SODIUM SULFATE. J. AMER. SOC. AGRON. 36: 287-300. 1944. FLAX LINACEAE: LINUM USITATISSIMUM. GREENHOUSE, POT, SAND SODIUM, CALCIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, ANATOMICAL RESPONSE, SEED QUALITY, SEED YIELD, FLOWERING
881. HAYWARD, H. E.; WADLEIGH, C. H. PLANT GROWTH ON SALINE AND ALKALI SOILS. ADVANCE. AGRON. 1: 1-38. 1949. SODIUM, CALCIUM, MAGNESIUM, POTASSIUM, CHLORIDE, SULFATE, BICARBONATE, NITRATE, SALINE SOIL, ALKALI SOIL SALT TOLERANCE, ALKALI TOLERANCE, GERMINATION, VEGETATIVE GROWTH
882. HEADLEY, F. B.; CURTIS, E. W.; SCOFIELD, C. S. EFFECT ON PLANT GROWTH OF SODIUM SALTS IN THE SOIL. J. AGRIC. RES. 6: 857-869. 1916. WHEAT GRAMINEAE: TRITICUM. POT, SOIL SODIUM, CARBONATE, BICARBONATE, CHLORIDE, SULFATE VEGETATIVE GROWTH, GERMINATION, SEEDLING GROWTH
883. HEALD, C. M.; HEILMAN, M. D. INTERACTION OF ROTYLENCHULUS RENIFORMIS, SOIL SALINITY, AND COTTON. J. NEMAT. 3: 179-182. 1971. COTTON MALVACEAE: GOSSYPIMUM HIRSUTUM. GREENHOUSE, POT, SOIL SALINE SOIL, CALCIUM, CHLORIDE, SODIUM, ROTYLENCHULUS RENIFORMIS VEGETATIVE GROWTH
884. HEALD, W. R.; MOODIE, C. D.; LEAMER, R. W. LEACHING AND PRE-EMERGENCE IRRIGATION FOR SUGAR BEETS ON SALINE SOILS. WASH. AGRIC. EXPT. STA. BULL. 519: 16 PP. 1950. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. FIELD PLOT PRE-EMERGENCE IRRIGATION, SALINE SOIL
885. HEALD, W. R.; MOODIE, C. D.; LEAMER, R. W. THE PRODUCTION OF SUGAR BEETS ON A SALINE SOIL AS AFFECTED BY THE TYPE OF LEACHING WITH SPECIAL REFERENCE TO THE VALUE OF PRE-EMERGENCE IRRIGATION. AMER. SOC. SUGAR BEET TECHNOL. PROC. 6: 448-452. 1950. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. FIELD SALINE SOIL, PRE-EMERGENCE IRRIGATION

886. HEGDE, B. A.; JOSHI, G. V. MINERAL SALT ABSORPTION IN SALINE RICE VARIETY, KALA RATA. PLANT SOIL 41: 421-424. 1974. RICE GRAMINEAE: ORYZA SATIVA. FIELD. SOIL SALINE SOIL MINERAL COMPOSITION
887. HEGGESTAD, H. E.; SANTAMOUR, F. S., JR.; BERNSTEIN, L. PLANTS THAT WILL WITHSTAND POLLUTION AND REDUCE IT. IN LANDSCAPE FOR LIVING. USDA AGRIC. YEARBOOK: 16-22. 1972. AIR POLLUTION, SALINITY LEAF INJURY, SALT TOLERANCE
888. HEILMAN, M. D.; ANDERSON, W. B. EFFECT OF SODIUM CHLORIDE SALINITY ON ROOT REDUCTION CAPACITY OF TWO SORGHUM VARIETIES. J. RIO GRANDE VAL. HORT. SOC. 28: 182-185. 1974. SORGHUM GRAMINEAE: SORGHUM BICOLOR, SORGHUM VULGARE. WATER CULTURE SODIUM, CHLORIDE, VARIETY MINERAL COMPOSITION, ROOT GROWTH
889. HEIMANN, H. IRRIGATION WITH SALINE WATER AND THE IONIC ENVIRONMENT. POTASSIUM SYMP. 1958. 173-220. 1958. SODIUM, EXCHANGEABLE SODIUM PERCENTAGE, POTASSIUM, CALCIUM, VINYL ACETATE-MALEIC ACID, SPRINKLER IRRIGATION SODIUM UPTAKE, POTASSIUM UPTAKE
890. HEIMANN, H. PLANT GROWTH UNDER SALINE CONDITIONS AND THE BALANCE OF THE IONIC ENVIRONMENT. IN SALINITY AND ARIDITY: NEW APPROACHES TO OLD PROBLEMS. H. BOYKO (ED.), JUNK PUBL., THE HAGUE: 201-213. 1966.
891. HEIMANN, H. SALT WATER FARMING. NEW SCIENTIST 9: 410-411. 1961. SALT TOLERANCE
892. HEIMANN, H.; RATNER, R. EXPERIMENTS ON THE BASIS OF THE PRINCIPLE OF THE "BALANCE OF IONIC ENVIRONMENT". FIELD EXPERIMENTS WITH GROUNDNUTS AND COWPEAS. IN SALINITY AND ARIDITY: NEW APPROACHES TO OLD PROBLEMS. H. BOYKO (ED.), JUNK PUBL., THE HAGUE: 283-293. 1966. PEANUT; COWPEA LEGUMINOSAE: ARACHIS HYPOGAEA, VIGNA SINENSIS. FIELD, SOIL POTASSIUM, SODIUM, CHLORIDE PROTEIN, MINERAL COMPOSITION, FAT, VEGETATIVE GROWTH
893. HEIMANN, H.; RATNER, R. THE INFLUENCE OF POTASSIUM ON THE UPTAKE OF SODIUM BY PLANTS UNDER SALINE CONDITIONS. BULL. RES. COUNCIL ISRAEL 10A: 55-62. 1961. CORN; TOMATO; SUNFLOWER GRAMINEAE: ZEA MAYS; SOLANACEAE: LYCOPERSICON ESCULENTUM; COMPOSITAE: HELIANTHUS ANNUUS. POT. SAND SODIUM, POTASSIUM SODIUM UPTAKE, POTASSIUM UPTAKE
894. HEIMANN, H.; RATNER, R. THE IRRIGATION WITH SALINE WATER AND THE IONIC ENVIRONMENT. FIELD EXPERIMENTS WITH GROUNDNUTS AND COWPEAS. OLEAGINEUX 20: 157-162. 1965. PEANUT; COWPEA LEGUMINOSAE: ARACHIS HYPOGAEA, VIGNA SINENSIS. FIELD, SOIL POTASSIUM, SODIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION, FAT, PROTEIN
895. HEINRICHS, D. H. GERMINATION OF ALFALFA VARIETIES IN SOLUTION OF VARYING OSMOTIC PRESSURE AND RELATIONSHIP TO WINTER HARDINESS. CAN. J. PLANT SCI. 39: 384-394. 1959. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. GERMINATION DISHES SODIUM, SUCROSE, CHLORIDE, VARIETY GERMINATION
896. HELAL, M.; KOCH, K.; MENGEL, K. EFFECT OF SALINITY AND POTASSIUM ON THE UPTAKE OF NITROGEN AND ON NITROGEN METABOLISM IN YOUNG BARLEY PLANTS. PHYSIOL. PLANT. 35: 310-313. 1975. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE, GROWTH CHAMBER, POT SODIUM, CHLORIDE, POTASSIUM, FERTILIZER NITROGEN UPTAKE
897. HELLER, J.; SHALHEVET, J.; GOELL, A. RESPONSE OF A CITRUS ORCHARD TO SOIL MOISTURE AND SOIL SALINITY. IN PHYSICAL ASPECTS OF SOIL, WATER AND SALT IN ECOSYSTEMS. ECOLOGICAL STUDIES 4. HADAS, A., SWARTZENDEUBER, D., RIJTEMA, P. E., FUCHS, M., YARON, B. (EDS.), SPRINGER VERLAG, BERLIN: 409-419. 1973. ORANGE RUTACEAE: CITRUS SINENSIS. SOIL, FIELD CALCIUM, SODIUM, CHLORIDE
898. HELLER, V. G.; HAGEMAN, R. H.; HARTMAN, E. L. SAND CULTURE STUDIES OF THE USE OF SALINE AND ALKALINE WATERS IN GREENHOUSES. PLANT PHYSIOL. 15: 727-734. 1940. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM, POT. SAND SODIUM, CHLORIDE, BICARBONATE LEAF INJURY, VEGETATIVE GROWTH
899. HELLER, V. G.; HAGEMAN, R. H.; HARTMAN, E. L. THE USE OF SALINE AND ALKALI WATERS IN GREENHOUSES. PROC. OKLA. ACAD. SCI. 20: 59-62. 1940. TOMATO; GERANIUM SOLANACEAE: LYCOPERSICON ESCULENTUM; GERANIACEAE: GERANIUM. SOIL, COMPOST, POT SODIUM, BICARBONATE, CHLORIDE, SULFATE, CALCIUM, MAGNESIUM LEAF INJURY, VEGETATIVE GROWTH, MINERAL COMPOSITION

900. HELLGREN, G. IRRIGATION WITH SEAWATER IN SWEDEN. REPT. CONF. SUPPL. IRRIGATION. COMMISSION VI. INTER. SOC. SOIL SCI.: 111-113. 1959. CLOVER, WHITE; CLOVER, RED; ALFALFA; TIMOTHY; ORCHARD GRASS; FESCUE, TALL; BLUEGRASS, KENTUCKY. LEGUMINOSAE: TRIFOLIUM REPENS, TRIFOLIUM PRATENSE, MEDICAGO SATIVA; GRAMINEAE: DACTYLIS GLOMERATA, FESTUCA ELATIOR, POA PRATENSIS, PHLEUM PRATENSE. FIELD, SPRINKLER IRRIGATION. SEA WATER. SODIUM UPTAKE
901. HELLINGS, A. J. EISEN INZAKE DE KWALITEIT VAN SPROEIWATER VOOR VOLLEGRONDESGROENTEGEWASSEN. REQUIREMENTS CONCERNING THE QUALITY OF SPRINKLING WATER FOR VEGETABLE CROPS IN THE OPEN. (DUT: ENG SUM). BEDRIJFSONTWIKKELING 2: 31-38. 1971.
902. HENCKEL, P. A.; STROGOV, B. P. PHYSIOLOGY OF PLANTS CONSUMING SALINE WATER. IN SALINITY PROBLEMS IN THE ARID ZONES. PROC. TEHRAN SYMP. ARID ZONE RES. 14: 145-151. 1961. COTTON. MALVACEAE: GOSSYPIMUM. SULFATE, CHLORIDE. TRANSPIRATION, SALT TOLERANCE
903. HENDRY, G. W. RELATIVE EFFECT OF SODIUM CHLORIDE ON THE DEVELOPMENT OF CERTAIN LEGUMES. J. AMER. SOC. AGRON. 10: 246-249. 1918. COWPEA; BEAN, WINSOR; BEAN, BROAD; BEAN, LIMA DWARF; LEAN, KIDNEY; PEA, CHICK; BEAN, TEPARY. LEGUMINOSAE: PHASEOLUS VULGARIS, PHASEOLUS LUNATUS, PHASEOLUS ACUTIFOLINS, Cicer ARIETINUM, VIGNA SINENSIS, VICIA FABA. GREENHOUSE, POT. SAND. SODIUM, CHLORIDE. VEGETATIVE GROWTH, MODULATION, FLOWERING
904. HEWITT, A. A. EFFECTS OF DIFFERENT SALTS AND SALT-CONCENTRATIONS ON THE GERMINATION AND SUBSEQUENT GROWTH OF DEGLET NOOR DATE SEEDS. DATE GROWERS' INST. REPT. 40: 4-6. 1963. DATE PALM. PALMACEAE: PHOENIX DACTYLIFERA. PEAT MOSS, VERMICULITE, POT. SODIUM, CHLORIDE, CALCIUM, SULFATE. GERMINATION, ROOT GROWTH, VEGETATIVE GROWTH, CHLORIDE UPTAKE
905. HEWITT, A. A.; FURR, J. R. UPTAKE AND LOSS OF CHLORIDE FROM SEEDLINGS OF SELECTED CITRUS ROOTSTOCK VARIETIES. PROC. AMER. SOC. HORT. SCI. 86: 194-200. 1965. LIME; MANDARIN; ORANGE, TRIFOLIATE; ORANGE. RUTACEAE: CITRUS RETICULATA, CITRUS LIMONIA, CITRUS DEPRESSA, CITRUS SINENSIS, PONCIRUS TRIFOLIATA. POT, PEAT MOSS, VERMICULITE. SODIUM, CHLORIDE. LEAF INJURY, CHLORIDE UPTAKE, VEGETATIVE GROWTH, ROOT GROWTH
906. HEWITT, A. A.; FURR, J. R.; CARPENTER, J. S. UPTAKE AND DISTRIBUTION OF CHLORIDES IN CITRUS CUTTINGS DURING A SHORT-TERM SALT TEST. PROC. AMER. SOC. HORT. SCI. 84: 165-169. 1964. ORANGE, TRIFOLIATE; GRAPEFRUIT; LIME; LEMON, ROUGH. RUTACEAE: PONCIRUS TRIFOLIATA, CITRUS PARADISI, CITRUS MICROPHYLLA, CITRUS JAMBHIRI, CITRUS LIMONIA, POT, PEAT MOSS, VERMICULITE, GREENHOUSE. SODIUM, CHLORIDE. CHLORIDE UPTAKE, LEAF INJURY
907. HEYDECKER, W.; HIGGINS, J.; GULLIVER, R. L. ACCELERATED GERMINATION BY OSMOTIC SEED TREATMENT. NATURE 246: 42-44. 1973. ONION. AMARYLLIDACEAE: ALLIUM CEPA. GERMINATION DISHES. SEED PRETREATMENT, CARBOWAX, POLYETHYLENE GLYCOL, TEMPERATURE. GERMINATION
908. HILGARD, E. W.; LOUGHRIDGE, R. H. NATURE, VALUE, AND UTILIZATION OF ALKALI LANDS AND TOLERANCE OF ALKALI BY CULTURES. CALIF. EXPT. STA. BULL. 128 AND 133. REVISED REPRINT: 73 PP. 1906. GRAIN CROP; LEGUME; VEGETABLE; GRASS; VINE; FRUIT TREE
909. HIRA, G. S.; SINGH, N. T. EFFECT OF SOIL SALINITY AND WATER-TABLE DEPTH ON YIELD, SALT UPTAKE AND TRANSPIRATION RATE IN WHEAT. INDIAN J. AGRIC. SCI. 43: 126-128. 1973. WHEAT. GRAMINEAE: TRITICUM AESTIVUM. SOIL, POT. WATER TABLE, SODIUM, CHLORIDE. TRANSPIRATION, SODIUM UPTAKE
910. HOAGLAND, D. R. SALT ACCUMULATIONS IN PLANT CELLS. SYMP. QUANT. BIOL. 8: 181-194. 1940. BARLEY. GRAMINEAE: HORDEUM VULGARE.
911. HOAGLAND, D. R.; SNYDER, W. C. NUTRITION OF STRAWBERRY PLANT UNDER CONTROLLED CONDITIONS: A) EFFECTS OF DEFICIENCIES OF BORON AND CERTAIN OTHER ELEMENTS; B) SUSCEPTABILITY TO INJURY FROM SODIUM SALTS. PROC. AMER. SOC. HORT. SCI. 30: 288-294. 1933. STRAWBERRY. ROSACEAE: FRAGARIA. POT, WATER CULTURE. SODIUM, CHLORIDE, SULFATE. LEAF INJURY, SODIUM UPTAKE, CHLORIDE UPTAKE
912. HOFFMAN, G. J.; MAAS, E. V.; RAWLINS, S. L. SALINITY-OZONE INTERACTIVE EFFECTS ON ALFALFA YIELD AND WATER RELATIONS.



- J. ENVIRON. QUAL. 4: 326-331. 1975. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. POT. SAND. GROWTH CHAMBER SODIUM. CALCIUM. CHLORIDE. OZONE TRANSPIRATION. VEGETATIVE GROWTH
913. HOFFMAN, G. J.; MAAS, E. V.; RAWLINS, S. L. SALINITY-OZONE INTERACTIVE EFFECTS ON YIELD AND WATER RELATIONS OF PINTO BEAN. J. ENVIRON. QUAL. 2: 148-152. 1973. BEAN. PINTO LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE. POT SODIUM. CHLORIDE. OZONE TRANSPIRATION. LEAF WATER POTENTIAL. VEGETATIVE GROWTH
914. HOFFMAN, G. J.; PHENE, C. J. EFFECT OF CONSTANT SALINITY LEVELS ON WATER USE EFFICIENCY OF BEAN AND COTTON. TRANS. AMER. SOC. AGRIC. ENG. 14: 1103-1106. 1971. BEAN; COTTON LEGUMINOSAE: PHASEOLUS VULGARIS; MALVACEAE: GOSSYPIUM HIRSUTUM. POT. WATER CULTURE SODIUM. CHLORIDE OSMOTIC POTENTIAL. WATER POTENTIAL. TRANSPIRATION. RESPIRATION. PHOTOSYNTHESIS
915. HOFFMAN, G. J.; RAWLINS, S. L. INFERTILITY OF COTTON FLOWERS AT BOTH HIGH AND LOW RELATIVE HUMIDITIES. CROP SCI. 10: 721-723. 1970. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. GROWTH CHAMBER. WATER CULTURE HUMIDITY. SODIUM. CHLORIDE FLOWERING
916. HOFFMAN, G. J.; RAWLINS, S. L.; GARBER, M. J.; CULLEN, E. M. WATER RELATIONS AND GROWTH OF COTTON AS INFLUENCED BY SALINITY AND RELATIVE HUMIDITY. AGRON. J. 63: 822-826. 1971. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. GROWTH CHAMBER. POT. SAND HUMIDITY. SODIUM. CHLORIDE TRANSPIRATION. ROOT GROWTH. VEGETATIVE GROWTH. SALT TOLERANCE. LEAF WATER POTENTIAL. OSMOTIC POTENTIAL
917. HOFSTRA, G.; HALL, R. INJURY TO ROADSIDE TREES: LEAF INJURY ON PINE AND WHITE CEDAR IN RELATION TO FOLIAR LEVELS OF SODIUM AND CHLORIDE. CAN. J. BOT. 49: 613-622. 1971. PINE. WHITE; CEDAR. WHITE; PINE. AUSTRIAN; PINE. SCOTS; PINE. MUGO PINACEAE: PINUS STROBUS. PINUS NIGRA. PINUS SYLVESTRIS. PINUS MUGO; CUPRESSACEAE: CHAMAECYPARIS THYOIDES. FIELD. SOIL DEICING SALT LEAF INJURY. CHLORIDE UPTAKE. SODIUM UPTAKE
918. HOFSTRA, G.; LUMIS, G. P. LEVELS OF DEICING SALT PRODUCING INJURY ON APPLE TREES. CAN. J. PLANT SCI. 55: 113-115. 1975. APPLE ROSACEAE: MALUS SYLVESTRIS. FIELD. SOIL DEICING SALT. SODIUM. CHLORIDE. SALT SPRAY CHLORIDE UPTAKE. SODIUM UPTAKE. LEAF INJURY
919. HOLMES, F. W. EFFECT ON ROADSIDE SUGAR MAPLES OF 16 CONSECUTIVE WINTERS OF SALT APPLICATIONS TO A PAVED ROAD ON A BANKED CURVE. 66TH ANN. MEETING AMER. PHYTOPATH. SOC. AND 40TH SESSION CAN. PHYTOPATH. SOC.: 240. 1974. MAPLE. SUGAR ACERACEAE: ACER SACCHARUM. FIELD. SOIL SODIUM. CALCIUM. DEICING SALT. CHLORIDE CHLORIDE UPTAKE
920. HOLMES, F. W. EFFECTS ON STREET TREES OF THE USE OF SALT AS A SNOW CONTROL CHEMICAL. NEW JERSEY FEDERATION OF SHADE TREE COMMISSIONS PROC. 39TH ANN. MEETING: 38-45. 1964. MAPLE. RED; MAPLE. SUGAR; BIRCH. BLACK; BIRCH. WHITE; HICKORY. PIGNUT; ASH. WHITE; TULIP TREE; AVOCADO; PINE. WHITE; PEACH; OAK. WHITE; OAK. BLACK; HEMLOCK; ELM. AMERICAN; ELM. BELGIAN PINACEAE: PINUS STROBUS. TSUGA CANADENSIS; ACERACEAE: ACER RUBRUM. ACER SACCHARUM; FAGACEAE: QUERCUS ALBA. QUERCUS VELUTINA; ULMACEAE: ULMUS AMERICANA. ULMUS HOLLANDICA; JUGLANDACEAE: CARYA GLABRA; CORYLACEAE: BETULA; OLEACEAE: FRAXINUS AMERICANA; MAGNOLIACEAE: LIRIODENDRON TULIPIFERA; LAURACEAE: PERSEA AMERICANA; ROSACEAE: PRUNUS PERSICA.
921. HOLMES, F. W. SALT DAMAGE TO TREES AND SHRUBS. MASS EXT. SERV. (EMERGENCY PREPAREDNESS INFO. COMMITTEE): 2 PP. 1966. TREE; SHRUB; GROUND COVER FIELD SALINE WATER. SALT SPRAY SALT TOLERANCE
922. HOLMES, F. W. SALT INJURY TO TREES. PHYTOPATH. 51: 712-718. 1961. PINE. WHITE; BIRCH. BLACK; MAPLE. SUGAR; OAK. WHITE; OAK. BLACK; ELM. AMERICAN; HICKORY. PIGNUT PINACEAE: PINUS STROBUS; CORYLACEAE: BETULA; ACERACEAE: ACER SACCHARUM; FAGACEAE: QUERCUS ALBA. QUERCUS VELUTINA; ULMACEAE: ULMUS AMERICANA; JUGLANDACEAE: CARYA GLABRA. FIELD PLOT DEICING SALT. SODIUM. CALCIUM. CHLORIDE LEAF INJURY. CHLORIDE UPTAKE
923. HOLMES, F. W.; BAKER, J. H. SALT INJURY TO TREES. II. SODIUM AND CHLORIDE IN ROADSIDE SUGAR MAPLES IN MASSACHUSETTS. PHYTOPATH. 56: 633-636. 1966. MAPLE. SUGAR ACERACEAE: ACER SACCHARUM. FIELD. SOIL DEICING SALT. SODIUM. CALCIUM. CHLORIDE SODIUM UPTAKE. CHLORIDE UPTAKE. LEAF INJURY

924. HOLMES, F. W.; DEMARADZKI, J. S.; MANKOWSKY, R. A.; MANNETT, T. W. EFFECT OF APPLICATIONS OF SALT TO THE SOIL NEAR TREES. MASS. AGRIC. EXPT. STA. ANN. REPT. 1954-55. BULL 490: 61. 1955. MAPLE; OAK; ELM; CHERRY; PINE ROSACEAE; PRUNUS; PINACEAE; PINUS; ULMACEAE: ULMUS; ACERACEAE: ACER; FAGACEAE: QUERCUS. FIELD. SOIL SODIUM, CHLORIDE. CALCIUM LEAF INJURY, TOXICITY
925. HOLMES, F. W.; OWEN, D. F.; CLARK, H. S.; COX, A. P.; DEMARADZKI, J. S.; FELDMAN, W. C. AMOUNTS OF SALT NEEDED TO KILL MATURE TREES. MASS. AGRIC. EXPT. STA. ANN. REPT. 1957-58. BULL 509: 58. 1958. MAPLE, SUGAR ACERACEAE: ACER SACCHARUM. FIELD CALCIUM, SODIUM, CHLORIDE LEAF INJURY, CHLORIDE UPTAKE
926. HOLMES, F. W.; OWEN, D. F.; DEMARADZKI, J. S.; CLARK, H. S.; COX, A. P.; FELDMAN, W. C.; KUZMISKI, F. T. SALT INJURY TO TREES. MASS. AGRIC. EXPT. STA. ANN. REPT. 1958-59. BULL. 518: 35. 1959. MAPLE, SUGAR: OAK, WHITE: BIRCH, BLACK: PINE, WHITE: WALNUT ACERACEAE: ACER SACCHARUM; FAGACEAE: QUERCUS ALBA; CORYLACEAE: BETULA; PINACEAE: PINUS STROBUS; JUGLANDACEAE: JUGLANS NIGRA. FIELD SODIUM, CHLORIDE LEAF INJURY, CHLORIDE UPTAKE
927. HOORN, J. W. VAN SALT TOLERANCE AND CROP MANAGEMENT ON SALT-AFFECTED SOILS. IRRIGATION AND DRAINAGE PAPER 7. IN REPORT OF REGIONAL SEMINAR ON METHODS OF AMELIORATION OF SALINE AND WATERLOGGED SOILS. BAGHDAD, IRAQ. FAO, ROME: 136-148. 1970.
928. HORIE, Y. TOLERANCE TO SALT WATER OF SEVERAL PLANTS (2). (JAP; ENG SUM). BULL. GOV. FOR. EXPT. STA. 186: 113-133. 1966. PINE, JAPANESE BLACK; MULBERRY; LOCUST, HONEY; PRIVET, CALIFORNIA; POPLAR, WHITE; POPLAR, LOMBARDY; FESCUE, TALL GRAMINEAE: FESTUCA ELATIOR, ERAGROSTIS CURVULA; SALICACEAE: POPULUS ALBA, POPULUS NIGRA VAR ITALICA; VERBENACEAE: VITEX ROTUNDIFOLIA; OLEACEAE: LIGUSTRUM OVALIFOLIUM; CORNACEAE: AUCUBA JAPONICA; LEGUMINOSAE: GLEDITSIA JAPONICA; MORACEAE: MORUS BOMBYCIS; PINACEAE: PINUS THUNBERGII; ELAEAGNACEAE: ELAEAGNUS MACROPHYLLA. SAND, SOIL, POT SODIUM, MAGNESIUM, CHLORIDE SALT TOLERANCE
929. HORKY, J.; SOUKUP, J. NICIVY V LIV ZIMNICH SOLNYCH POSYPU KOMUNIKACI NA ZELEN. PLANT INJURIES DUE TO SALT SPRINKLED ON STREETS IN WINTER. (CZE). ZHR LISTY 66: 122-123. 1973. FIELD, SOIL CHLORIDE, SODIUM
930. HOWE, E. D. UTILIZATION OF SEA WATER. IN UTILIZATION OF SALINE WATER. UNESCO, ARID ZONE RESEARCH (PARIS) IV: 73-100. 1954. SEA WATER
931. HUBER, W. UBER DEN EINFLUSS VON NaCl-ODER ABSCISINSÄURE-BEHANDLUNG AUF DEN PROTEINMETABOLISMUS UND EINIGE WEITERE ENZYME DES AMINOSÄURESTOFF-WECHSELS IN KEIMLINGEN VON PENNISETUM TYPHOIDES. INFLUENCE OF NaCl AND ABSCISIC ACID TREATMENT ON PROTEIN METABOLISM AND SOME FURTHER ENZYMES OF AMINO ACID METABOLISM IN SEEDLINGS OF PENNISETUM TYPHOIDES. (GER; ENG SUM). PLANTA 121: 225-235. 1974. MILLET, PEARL GRAMINEAE: PENNISETUM TYPHOIDES. SODIUM, CHLORIDE, ABSCISIC ACID PROTEIN, GLUTAMINE SYNTHETASE, AMINO ACID, PYRROLINE-5-CARBOXYLATE REDUCTASE, GLUTAMATE, PROLINE, ENZYME
932. HUBER, W.; KREUTMEIER, F.; SANKHLA, N. ECO-PHYSIOLOGICAL STUDIES ON INDIAN ARID ZONE PLANTS. VI. EFFECT OF SODIUM CHLORIDE AND ABSCISIC-ACID ON AMINO-ACID AND PROTEIN METABOLISM IN LEAVES OF PHASEOLUS ACONITIFOLIUS. Z. PFLANZENPHYSIOL. 81: 234-247. 1977. BEAN, MOTH LEGUMINOSAE: PHASEOLUS ACONITIFOLIUS. GERMINATION DISHES SODIUM, CHLORIDE, ABSCISIC ACID PROTEIN, ALANINE, ASPARTATE AMINOTRANSFERASES, GLUTAMATE DEHYDROGENASE, GLUTAMINE SYNTHETASE, PROLINE, ARGININE, SERINE, ENZYME, GLUTAMIC ACID
933. HUBER, W.; RUSTAGI, P. N.; SANKHLA, N. ECO-PHYSIOLOGICAL STUDIES ON INDIAN ARID ZONE PLANTS. III. EFFECT OF SODIUM CHLORIDE AND GIBBERELLIN ON THE ACTIVITY OF ENZYMES OF CARBOHYDRATE METABOLISM IN LEAVES OF PENNISETUM TYPHOIDES. OECOLOGIA 15: 77-86. 1974. MILLET GRAMINEAE: PENNISETUM TYPHOIDES. GERMINATION DISHES, WATER CULTURE SODIUM, CHLORIDE, GIBBERELIC ACID ENZYME ACTIVITY, VEGETATIVE GROWTH
934. HUBER, W.; SANKHLA, N. ECO-PHYSIOLOGICAL STUDIES ON INDIAN ARID ZONE PLANTS. II. EFFECT OF SALINITY AND GIBBERELLIN ON THE ACTIVITY OF THE ENZYMES OF AMINO-ACID METABOLISM IN LEAVES OF PENNISETUM TYPHOIDES. OECOLOGIA 13: 271-277. 1973. MILLET GRAMINEAE: PENNISETUM TYPHOIDES. GERMINATION DISHES, WATER CULTURE SODIUM, CHLORIDE, GIBBERELIC ACID, VARIETY VEGETATIVE GROWTH, ENZYME ACTIVITY

935. HUDAK, J. STUDIES OF MORPHOLOGICAL CHANGES OF ZEA MAYS UNDER THE INFLUENCE OF EXOGENOUSLY ADDED BORON. ACTA FAC. RERUM. NAT. COMENIANAE PHYSIOL. PLANT. 9: 13-20. 1974. CORN GRAMINEAE: ZEA MAYS. WATER CULTURE, GROWTH CHAMBER BORON BORON UPTAKE, TOXICITY
936. HUGHES, H. PROGRESS REPORT. EFFECT OF SALINITY OF ROSES. COLO. FLOWER GROWERS ASSOC. BULL. NO. 304: 1-3. 1975. ROSE ROSACEAE: ROSA. POT. GREENHOUSE. GRAVEL CALCIUM, MAGNESIUM, SODIUM, SULFATE, BICARBONATE LEAF INJURY
937. HUGHES, H. E.; HANAN, J. J. EFFECT OF SALINITY IN WATER SUPPLIES ON ROSE PRODUCTION: EXPERIMENT ONE. COLORADO FLOWER GROWERS ASSN. BULL. 323: 4 PP. 1977. ROSE ROSACEAE: ROSA. POT. GREENHOUSE SODIUM, CARBONATE, BICARBONATE, CALCIUM, MAGNESIUM, SULFATE VEGETATIVE GROWTH, FLOWERING
938. HUGHES, H. E.; HANAN, J. J. EFFECT OF SALINITY IN WATER SUPPLIES ON ROSE PRODUCTION: EXPERIMENT TWO. COLORADO FLOWER GROWERS ASSN. BULL. 327: 4 PP. 1977. ROSE ROSACEAE: ROSA. SOIL, GRAVEL SODIUM, CHLORIDE, BICARBONATE, MAGNESIUM VEGETATIVE GROWTH
939. HUGHES, T. D. PUCCINELLIA DISTANS--A SALT-TOLERANT GRASS. 13TH TURFGRASS CONF. PROC.: 76. 1972. GRASS GRAMINEAE: PUCCINELLIA DISTANS. SALT TOLERANCE
940. HUGHES, T. D.; BUTLER, J. D.; SANKS, G. D. SALT TOLERANCE AND SUITABILITY OF VARIOUS GRASSES FOR SALINE ROADSIDES. J. ENVIRON. QUAL. 4: 65-68. 1975. WHEATGRASS, CRESTED: WHEATGRASS, WESTERN: RYEGRASS, PERENNIAL: BLUEGRASS, KENTUCKY: WILDRYE, BEARDLESS: ALKALI GRASS, LEMMON: ALKALI SACATON GRAMINEAE: AGROPYRON CRISTATUM, AGROPYRON SMITHII, POA PRATENSIS, PUCCINELLIA DISTANS, ELYMUS TRITICOIDES, PUCCINELLIA LEMMONII, SPOROBOLUS AIROIDES, LOLIUM PERENNE. GREENHOUSE, FIELD, SOIL, POT SODIUM, CHLORIDE, SALT SPRAY MINERAL COMPOSITION, TOXICITY, VEGETATIVE GROWTH
941. HUMBERT, R. P.; BAHME, R. B.; FERNANDES, D. E.; THOMPSON, L. J. OVERCOMING BORON AND SALINITY PROBLEMS IN GROWING SUGAR CANE IN THE TAMBO VALLEY OF PERU. SUGAR AZUCAR 65: 32-34. 1970. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. POT. SOIL SALINE SOIL, BORON PHOTOSYNTHESIS, VEGETATIVE GROWTH, BORON UPTAKE
942. HUNT, O. J. SALT TOLERANCE IN INTERMEDIATE WHEATGRASS. CROP SCI. 5: 407-409. 1965. WHEATGRASS, INTERMEDIATE GRAMINEAE: AGROPYRON INTERMEDIUM. GREENHOUSE, POT, FIELD, PLOT SODIUM, CHLORIDE, CALCIUM, SODIUM ADSORPTION RATIO VEGETATIVE GROWTH, SEEDLING GROWTH
943. HUNTLEY, B. J. ALTITUDINAL DISTRIBUTION AND PHENOLOGY OF MARION ISLAND VASCULAR PLANTS. LYDSKR. NATUURWETENSK 10. 255-262. 1970. LYCOPODIACEAE: LYCOPODIUM MAGELLANICUM, LYCOPODIUM SALICURUS; HYMENOPHYLLACEAE: HYMENOPHYLLUM PELTATUM; POLYPODIACEAE: BLECHNUM PENNA-MARINA, POLYSTICHUM MARIONENSE, GRAMMITIS KERGUELENSIS, ELAPHOGLOSSUM RANDII; GRAMINEAE: AGROSTIS MAGELLANICA, POA COOKII; CYPERACEAE: INCINIA DIKEI; JUNCACEAE: JUNCUS SCHEUCHZERIODES; PORTULACACEAE: MONTIA FONTANA; CARYOPHYLLACEAE: COLOBANTHUS KERGUELENSIS; RANUNCULACEAE: RANUNCULUS BITERNATUS, RANUNCULUS MOSELEYI; CRUCIFERAE: PRINGLEA ANTISCORBUTICA; CRASSULACEAE: TILLAEA MOSCHATA; ROSACEAE: ACAENA ADSCENDENS; CALLITRICHACEAE: CALLITRICHAE ANTARCTICA; UMBELLIFERAE: AZORELLA SELAGO; SCROPHULARIACEAE: LIMOSELLA AUSTRALIS; COMPOSITAE: COTULA PLUMOSA. FIELD, SOIL SALT SPRAY, TEMPERATURE ECOLOGY
944. HURVITZ-LERMAN, S.; WAISEL, Y. EFFECTS OF SALINITY ON GROWTH AND COMPOSITION OF SUGAR BEETS (BETA VULGARIS CULTIVAR HH 10). ISRAEL J. BOT. 20: 333. 1971. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. WATER CULTURE SODIUM, CHLORIDE, CALCIUM SALT TOLERANCE, MINERAL COMPOSITION
945. HUSSEIN, A. I.; FAKHRY, S. I.; BARAKAT, M. A. SPECIFIC SALT EFFECT ON CROPS. 1. BERSEEM CLOVER. AGRIC. RES. REV. 49: 207-211. 1971. CLOVER, BERSEEM LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. GREENHOUSE, SAND, POT SODIUM, CHLORIDE, CALCIUM, MAGNESIUM, SULFATE, VARIETY
946. HUTSCHINSON, G. L.; VIETS, F. G. DETOXICATION OF BORON IN PLANTS WITH TRIISOPROPANOLAMINE. SOIL SCI. 108: 217-221. 1969. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GROWTH CHAMBER, WATER CULTURE, POT BORON, TRIISOPROPANOLAMINE BORON UPTAKE

947. HUTTON, E. M. VARIATION IN SALT RESPONSE BETWEEN TROPICAL PASTURE LEGUMES. SABRAO NEWSLETTER 3: 75-81. 1971. LEGUMINOSAE: VIGNA LUTEOLA, VIGNA VEXILLATA, PHASEOLUS LATHYROIDES, PHASEOLUS BRACATEATUS, DESMODIUM SANDWICENSE, DESMODIUM INTORTUM, DESMODIUM UNCINATUM, DOLICHOS AXILLARIS, PHASEOLUS ATROPURPUREUS, CENTROSEMA PUBESCENS, STYLOSANTHES HUMILIS, STYLOSANTHES GUYANENSIS, GLYCINE WIGHTII, MEDICAGO SATIVA. GREENHOUSE, POT. SAND SODIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION
948. HYDER, S. Z. EFFECT OF CALCIUM ON PERMEABILITY OF ROOTS OF PLANTS GROWN AT HIGH SODIUM CHLORIDE CONCENTRATION. PAKISTAN J. SCI. IND. RES. 14: 219-222. 1971. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE, GERMINATION DISHES, GROWTH CHAMBER SODIUM, CHLORIDE GERMINATION, AMINO ACID LOSS
949. HYDER, S. Z. SODIUM CHLORIDE UPTAKE AND DISTRIBUTION IN CITRUS SEEDLINGS. SIND. UNIV. RES. J. 4: 53-58. 1969. CITRUS RUTACEAE: CITRUS. WATER CULTURE SODIUM, CHLORIDE SODIUM UPTAKE, CHLORIDE UPTAKE, SEEDLING GROWTH, TOXICITY
950. HYDER, S. Z.; GREENWAY, H. EFFECTS OF CA++ ON PLANT SENSITIVITY TO HIGH NaCl CONCENTRATIONS. PLANT SOIL 23: 258-260. 1965. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE SODIUM, CHLORIDE, CALCIUM VEGETATIVE GROWTH
951. HYDER, S. Z.; SOOMRO, A. O. STUDIES ON THE SALT TOLERANCE OF 4 VARIETIES OF MEXICAN WHEAT. SIND. UNIV. RES. J. 5: 121-128. 1971. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE, SAND VARIETY, SODIUM, CHLORIDE, SEEDLING GROWTH, GERMINATION
952. HYDER, S. Z.; YASMIN, S. BORON TOLERANCE AND ENHANCEMENT OF BORON TOXICITY BY CHLORIDE IONS IN ALKALI SACATON DURING GERMINATION OF SPOROBOLUS AIROIDES TORR. EXPERIENTIA 31: 427-428. 1975. ALKALI SACATON GRAMINEAE: SPOROBOLUS AIROIDES. POT. WATER CULTURE BORON, SODIUM, POTASSIUM, CALCIUM, MAGNESIUM, CHLORIDE GERMINATION
953. HYDER, S. Z.; YASMIN, S. SALT TOLERANCE AND CATION INTERACTION IN ALKALI SACATON AT GERMINATION. J. RANGE MANAGEMENT 25: 390-392. 1972. ALKALI SACATON GRAMINEAE: SPOROBOLUS AIROIDES. POT. WATER CULTURE SODIUM, POTASSIUM, CALCIUM, MAGNESIUM, CHLORIDE GERMINATION
954. I AKUSHEVSKII, E. S.; VARADINOV, S. G. THE INITIAL STOCK FOR THE BREEDING OF DROUGHT-RESISTANT AND SALT-TOLERANT SORGHUM VARIETIES. (RUS: ENG SUM). VESTN. SEL'SKOKHOZ NAUK. 5: 67-71. 1971. SORGHUM GRAMINEAE: SORGHUM VULGARE. FIELD. SOIL VARIETY, SODIUM, CHLORIDE, SULFATE GERMINATION
955. IDRIS, M.; ASLAM, M. THE EFFECT OF SOAKING AND DRYING SEEDS BEFORE PLANTING ON THE GERMINATION AND GROWTH OF TRITICUM VULGARE UNDER NORMAL AND SALINE CONDITIONS. CAN. J. BOT. 53: 1328-1332. 1975. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GERMINATION DISHES CALCIUM, CHLORIDE, SODIUM, SEED PRETREATMENT ROOT GROWTH, SEEDLING GROWTH, GERMINATION
956. IKE, D. SALTY AREA AND SALT INJURY OF RICE. (JAP). AGRIC. HORT. JAPAN 29: 623-626. 1954. RICE GRAMINEAE: ORYZA SATIVA. FIELD. SOIL SEA WATER, CHLORIDE, SULFATE, SODIUM SALT TOLERANCE
957. IKE, T. STUDIES ON THE RESISTANCE OF RICE VARIETIES AGAINST THE SALT. I. ON AVOIDING THE INJURIES OF THE SALT BY EARLY OR LATE HEADING. CROP SCI. SOC. JAPAN PROC. 21: 243-244. 1953. RICE GRAMINEAE: ORYZA SATIVA.
958. IKEDA, S. TOLERANCE TO SALT WATER OF SEVERAL PLANTS FOR THE FORMATION OF THE TIDE-WATER CONTROL FOREST OF THE RECLAIMED LAND. I. PLANTS OF CAPRIFOLIACEAE, GINKGOACEAE, APOCYNACEAE, ELAEAGNACEAE, OLEACEAE AND FABACEAE. J. FAC. AGRIC. TOTTORI UNIV. 11: 23-29. 1976. TREE; ARROWWOOD; MAIDENHAIR TREE, OLEASTER, THORNY, OLEANDER; BASTARD INDIGO; GOLDEN-BELLS; PRIVET, WAX-LEAF CAPRIFOLIACEAE: VIBURNUM AWABUCHI; GINKGOACEAE: GINKGO BILOBA; ELAEAGNACEAE: ELAEAGNUS PUNGENS; APOCYNACEAE: NERIUM INDICUM; LEGUMINOSAE: AMORPHA FRUTICOSA; OLEACEAE: FORSYTHIA SUSPENS. LIGUSTRUM JAPONICUM. POT. SOIL SALINE WATER, SALT SPRAY SALT TOLERANCE, VEGETATIVE GROWTH, LEAF INJURY
959. IKEDA, S. TOLERANCE TO SALT WATER OF SEVERAL PLANTS FOR THE FORMATION OF THE TIDE-WATER CONTROL FOREST OF THE

- RECLAIMED LAND. II. PLANTS OF PODOCARPACEAE, PLATANACEAE, LAURACEAE, BETULACEAE, MYRICACEAE, THEACEAE, FABACEAE. J. FAC. AGRIC. TOTTORI UNIV. 11: 30-38. 1976. PLANE TREE, ORIENTAL: YEW, SOUTHERN: MYRTLE, MANCHURIAN: ALDER; CLOVER, CHINESE BUSH. PODOCARPACEAE: PODOCARPUS MACROPHYLLUS; MYRICACEAE: MYRICA RUBRA; PLATANACEAE: PLATANUS ORIENTALIS; LAURACEAE: CINNAMOMUM JAPONICUM; BETULACEAE: ALNUS HIRSUTA, ALNUS SIEBOLDIANA, THEACEAE: EURYA EMARGINATA; LEGUMINOSAE: LESPEDEZA CUNEATA. POT. SOIL. SLUDGE. SALINE WATER. SALT TOLERANCE, VEGETATIVE GROWTH, LEAF INJURY
960. ILJIN, W. S. PHYSIOLOGISCHER PFLANZENSCHUTZ GEGEN SCHADLICHE WIRKUNG VON SALZEN. PHYSIOLOGICAL PLANT PROTECTION AGAINST TOXIC EFFECTS OF SALTS. (GER). BIOCHEM. ZEITS. 32: 526-542. 1922. DOCK; BEET; BOX THORN; KNOTWEED; LAMB'S-QUARTERS; ASTER; SEA MILKWORT; PIGWEED; PLANTAIN; BEAN, BROAD. POLYGONACEAE: RUMEX ACETOSA, POLYGONUM FAGOPYRUM; SOLANACEAE: LYCIUM BARBARUM; CHENOPODIACEAE: BETA VULGARIS, CHENOPODIUM ALBUM, CHENOPODIUM CRASSIFOLIUM; LEGUMINOSAE: VICIA FABA, DOLICHOS SINENSIS; PRIMULACEAE: GLAUX MARITIMA, COMPOSITAE: ASTER TRIPOLIUM; PLANTAGINACEAE: PLANTAGO MARITIMA. SODIUM, CALCIUM, POTASSIUM, MAGNESIUM, CHLORIDE, SULFATE, MALTOSE, ENZYME, CYTOLOGY
961. ILYUSHINA, M. T. PLANT INDICATORS OF SALINIZATION OF SOILS IN SHALLOW, DRYING-UP LAKES. (RUS). EKOLOGIJA 5: 68-73. 1972. REDTOP; QUACK GRASS; ASTER; BROMEGRASS, AWNLESS; LAVENDER, SEA; BUCKBEAN; PLANTAIN; REED; CINQUEFOIL; SILVERWEED; BULRUSH; TULE; GLASSWORT; SEA BLITE; CLOVER, WHITE; GOATSBEARD; CATTAIL; VETCH; NATIVE VEGETATION. GRAMINEAE: AGROSTIS ALBA, AGROPYRON REPENS, ATROPIS TENUIFLORA, BROMUS INERMIS, CALAMAGROSTIS LANCEOLATA, HORDEUM SECALINUM, PHRAGMITES COMMUNIS; COMPOSITAE: ASTER TRIPOLIUM, TRAGOPOGON PRATENSIS; CYPERACEAE: CAREX PRAECOX, CAREX RIPARIA, CAREX CAESPITOSA, SCIRPUS LACUSTRIS; ROSACEAE: COMARUM PALUSTRE, FILIPENDULA ULMARIA, POTENTILLA BIFURCA, POTENTILLA ANSERINA; LEGUMINOSAE: TRIFOLIUM REPENS, VICIA CRACCA; CHENOPODIACEAE: SALICORNIA HERBACEA, SALSOLA, SUAEDA; TYPHACEAE: TYPHA ANGUSTIFOLIA; PLUMBAGINACEAE: LIMNITHUM GMELINII; GENTIANACEAE: MINYANTHES TRIFOLIATA; PLANTAGINACEAE: PLANTAGO MARITIMA, PLANTAGO CORNUTI; UMBELLIFERAE: OENANTHE AQUATICA. FIELD, SOIL. SALINE SOIL ECOLOGY
962. IM, H. B. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. COLLEGE OF AGRICULTURE; SEOUL NATIONAL UNIVERSITY: 140 PP. 1967. RICE; CABBAGE, CHINESE; GRAMINEAE: ORYZA SATIVA; CRUCIFERAE: BRASSICA PEKINENSIS, BRASSICA OLERACEA VAR CAPITATA. FIELD, SOIL, SAND. SODIUM, CHLORIDE, VARIETY, FERTILITY, GERMINATION, VEGETATIVE GROWTH, GRAIN YIELD, STRAW YIELD
963. IM, H. B. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. 10. RESPONSE OF RICE POPULATION TO VARYING PLANT DENSITY AND N LEVELS IN RECLAIMED SALTY AREA. KOREAN J. BOT. 13: 105-120. 1970. RICE. GRAMINEAE: ORYZA SATIVA. FIELD PLOT, SOIL. NITROGEN, FERTILITY, SALINE SOIL, PLANT SPACING. VEGETATIVE GROWTH
964. IM, H. B. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. 2. ON THE SALT TOLERANCE OF CHINESE CABBAGE IN VARIOUS SALTY CONDITIONS. KOREAN J. BOT. 12: 8-14. 1969. RICE; CABBAGE, CHINESE. GRAMINEAE: ORYZA SATIVA; CRUCIFERAE: BRASSICA PEKINENSIS.
965. IM, H. B. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. 4. ON THE FERTILIZATION EFFECTIVENESS OF NITROGEN, PHOSPHORUS, POTASSIUM IN RECLAIMED SALTY AREAS. SEOUL UNIV. J. BIOL. AGRIC. SER. 20: 15-30. 1969. RICE. GRAMINEAE: ORYZA SATIVA. SOIL, FIELD PLOT. NITROGEN, PHOSPHORUS, POTASSIUM, FERTILIZER, SALINE SOIL. VEGETATIVE GROWTH, NITROGEN UPTAKE, SODIUM UPTAKE
966. IM, H. B. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. 7. ON THE OPTIMUM RATIO OF PHOSPHATE AND POTASH TO N FERTILIZATION FOR RICE PLANT IN THE RECLAIMED SALTY AREAS. KOREAN J. BOT. 13: 91-101. 1970. RICE. GRAMINEAE: ORYZA SATIVA. FIELD PLOT, SOIL. NITROGEN, POTASSIUM, PHOSPHATE, FERTILIZER, SALINE SOIL. MINERAL COMPOSITION
967. IM, H. B.; HOANG, C. S. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. 11. ON THE HISTOLOGICAL DIFFERENCES BETWEEN THE ROOTS OF SALT, LAND AND WATER BED SEEDLINGS OF RICE AND THEIR ROOTING IN SALINE SOIL. KOREAN J. BOT. 13: 160-169. 1970. RICE. GRAMINEAE: ORYZA SATIVA. FIELD PLOT, SOIL. SALINE SOIL, PLANTING METHOD. VEGETATIVE GROWTH, ROOT GROWTH

968. IM. H. B.; HOANG. C. S. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. 12. ON THE SALT TOLERANCE OF THE RICE SEEDLINGS GROWN UNDER THE LAND AND WATER CONDITIONS IN THE RECLAIMED SALTY AREAS. KOREAN J. BOT. 13: 170-178. 1970. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE. SOIL SALINE SOIL TRANSPIRATION. VEGETATIVE GROWTH
969. IM. H. B.; LIM. U. K. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. 6. THE COMPARISON OF GROWTH IN THE DIRECT SOWING AND TRANSPLANTING OF RICE CULTURE IN THE RECLAIMED SALTY AREAS. KOREAN J. BOT. 13: 1-12. 1970. RICE GRAMINEAE: ORYZA SATIVA. FIELD PLOT. SOIL PLANTING METHOD. SALINE SOIL VEGETATIVE GROWTH. GERMINATION
970. IM. H. B.; LIM. U. K.; HOANG. C. S. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. 15. THE EFFECTS OF SALT ON THE EFFICIENCY OF SUN LIGHT UTILIZATION OF RICE CANOPY IN RECLAIMED SALINE SOILS. KOREAN J. BOT. 14: 60-65. 1971. RICE GRAMINEAE: ORYZA SATIVA. SOIL LIGHT. SALINE SOIL RECLAMATION. SALT TOLERANCE
971. IM. H. B.; LIM. U. K.; SHIM. J. S. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. 3. RESPONSE OF RICE TO PLANT POPULATION AND SPACING IN THE SALTY SOIL AREA. KOREAN J. BOT. 12: 28-41. 1969. RICE GRAMINEAE: ORYZA SATIVA. SOIL PLANT SPACING. SALINE SOIL RECLAMATION. SALT TOLERANCE
972. IM. H. B.; SHIM. J. W.; LIM. U. K. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. EFFECTS OF VARYING PLANT SPACING AND NITROGEN LEVELS ON RICE CANOPY IN RECLAIMED SALTY AREA. SEOUL UNIV. J. BIOL. AGRIC. SER. 22: 73-87. 1972. RICE GRAMINEAE: ORYZA SATIVA. FIELD. SOIL NITROGEN. FERTILIZER. SALINE SOIL. PLANT SPACING VEGETATIVE GROWTH
973. IM. H. B.; SHIM. J. W.; LIM. U. K. STUDY ON THE SALT TOLERANCE OF RICE AND OTHER CROPS IN RECLAIMED SOIL AREAS. 13. THE ABSORPTION OF THE MINERAL ELEMENTS OF RICE AND THE COMPONENTS OF RICE GRAINS IN RECLAIMED SALINE SOILS. KOREAN J. BOT. 14: 25-31. 1971. RICE GRAMINEAE: ORYZA SATIVA. SOIL SALINE SOIL MINERAL COMPOSITION
974. IMAZU. T.; OSAWA. T. THE EFFECTS OF SODIUM CHLORIDE ON SOME VEGETABLES. (JAP: ENG SUM). HORT. ASSOC. JAPAN J. 22: 197-202. 1954. STRAWBERRY: ONION. WELSH; PAK-CHOI ROSACEAE: FRAGARIA; AMARYLLIDACEAE ALLIUM FISTULOSUM; CRUCIFERAE: BRASSICA CHINENSIS. SAND SODIUM. CHLORIDE CARBOHYDRATE METABOLISM. LEAF INJURY. VEGETATIVE GROWTH. CHLORIDE UPTAKE
975. IMBAMBA. S. K. RESPONSE OF COWPEAS TO SALINITY AND (2-CHLOROETHYL) TRIMETHYL-AMMONIUM CHLORIDE (CCC). PHYSIOL. PLANT. 28: 346-349. 1973. COWPEA LEGUMINOSAE: VIGNA UNGUICULATA. POT POTASSIUM. CALCIUM. NITROGEN. SODIUM. (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE ROOT GROWTH. TRANSPIRATION. VEGETATIVE GROWTH
976. INDEN. T.; TACHIBANA. S.; FUJISHIRO. Y.; MARUYAMA. Y. ON THE FERTILIZATION AND CULTIVATION OF HORTICULTURAL CROPS UNDER COVERING CONDITIONS. II. ON THE HIGH SALT INJURY OF VEGETABLES. 2. GROWTH AND MINERAL NUTRITION OF FRUIT CROPS UNDER HEAVY FERTILIZER APPLICATION. (JAP: ENG SUM). J. JAP. SOC. HORT. SCI. 40: 121-127. 1971. CUCUMBER; EGGPLANT; TOMATO; PEPPER CUCURBITACEAE: CUCUMIS SATIVUS; SOLANACEAE: LYCOPERSICON ESCULENTUM. SOLANUM MELONGENA. CAPSICUM FRUTESCENS. WATER CULTURE NITRATE. CALCIUM. SODIUM. POTASSIUM. FERTILIZER VEGETATIVE GROWTH. MINERAL COMPOSITION. SALT TOLERANCE
977. INGVALSON. R. D.; RHOADES. J. D.; PAGE. A. L. CORRELATION OF ALFALFA YIELD WITH VARIOUS INDEX OF SALINITY. SOIL SCI. 122: 145-153. 1976. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. LYSIMETER. SOIL SALINE WATER. WATER QUALITY. LEACHING VEGETATIVE GROWTH
978. ISLAM-UL-HAQ. M.; KHAN. M. F. A. RECLAMATION OF SALINE AND ALKALINE SOILS BY GROWING KALLAR GRASS. NUCLEUS 8: 139-144. 1971. KALLAR GRASS GRAMINEAE: DIPLACHNE FUSCA. POT. SOIL SODIUM. CHLORIDE. SULFATE. CARBONATE RECLAMATION
979. ISWARAN. V.; SEN. A. EFFECT OF SALINITY ON NITROGEN FIXATION BY AZOTOBACTER SP. IN SOME INDIAN SOILS. J. INDIAN SOC.

SOIL SCI. 6: 109-113. 1958. SOIL SODIUM. CHLORIDE NITROGEN FIXATION

980. ITAI, C.; RICHMOND, A.; VAADIA, Y. THE ROLE OF ROOT CYTOKININS DURING WATER AND SALINITY STRESS. ISRAEL J. BOT. 17: 187-195. 1968. SUNFLOWER; BEAN; TOBACCO COMPOSITAE: HELIANTHUS ANNUUS; LEGUMINOSAE: PHASEOLUS VULGARIS; SOLANACEAE: NICOTIANA TABACUM. GREENHOUSE. WATER CULTURE SODIUM. CHLORIDE. MANNITOL. CARBOWAX KINETIN. CYTOKININ. LEUCINE
981. ITO, E.; INAGAWA, G. SEVERAL EXPERIMENTAL OBSERVATIONS ON THE SALT RESISTING PROPERTY OF PINUS THUNBERGII, ESPECIALLY COMPARED WITH PINUS DENSIFLORA. (JAP: ENG SUM). SHIZUOKA UNIV. FAC. AGRIC. REPT. 1: 55-64. 1951. PINE. JAPANESE BLACK; PINE. JAPANESE RED PINACEAE: PINUS THUNBERGII. PINUS DENSIFLORA. SEA WATER. SODIUM. CHLORIDE GERMINATION. SEEDLING GROWTH
982. IVANITSKAYA, E. F. THE EFFECT OF ANIONS ON COTTON UNDER CONDITIONS OF GRAVEL CULTURE. SOVIET PLANT PHYSIOL. 8: 45-50. 1961. COTTON MALVACEAE: GOSSYPIMUM. GRAVEL SODIUM. CHLORIDE. SULFATE. BICARBONATE VEGETATIVE GROWTH. WATER CONTENT
983. IVANITSKAYA, E. F. SPECIFIC CHARACTERISTICS OF THE ANATOMICAL STRUCTURE OF PLANT UNDER VARIOUS SOIL SALINITY CONDITIONS. SOVIET PLANT PHYSIOL. 9: 159-166. 1963. TOMATO; COTTON; BARLEY; BEAN. BROAD SOLANACEAE: LYCOPERSICON ESCULENTUM; MALVACEAE: GOSSYPIMUM; GRAMINEAE: HORDEUM VULGARE; LEGUMINOSAE: VICIA FABA. POT. SOIL SULFATE. CHLORIDE VEGETATIVE GROWTH. LEAF INJURY
984. IVANOFF, S. S. GUTTATION-SALT INJURY ON LEAVES OF CANTALOUPE, PEPPER, AND ONION. PHYTOPATH. 34: 436-437. 1944. MUSKMELON; PEPPER; ONION SOLANACEAE: CAPSICUM FRUTESCENS; AMARYLLIDACEAE: ALLIUM CEPA; CUCURBITACEAE: CUCUMIS MELO. GUTTATION. LEAF INJURY
985. IVANOV, V. F. MAIN PRINCIPLES OF FRUIT CROP SALT RESISTANCE DETERMINATION. (RUS: ENG SUM). POCHVOVEDENIE 4: 78-85. 1970. APPLE ROSACEAE: MALUS SYLVESTRIS. FIELD. SOIL SALINE SOIL VEGETATIVE GROWTH. SALT TOLERANCE
986. IVANOV, YU. M.; UDOVENKO, G. V. SALT RESISTANCE OF SPECIMENS OF GRAIN AND LEGUME CROPS. (RUS). SELEK SEMENOVOD 6: 28-29. 1970. WHEAT; CORN; MILLET; SORGHUM; BARLEY; OATS; BEAN; PEA; VETCH; LUPINE; BEAN. SIEVA; BEAN. MOTH; KAFIR GRAMINEAE: TRITICUM AESTIVUM. TRITICUM DURUM. TRITICUM TURANICUM. TRITICUM TURGIDUM. TRITICUM ISPAHANICUM. ZEA MAYS. ELEUSINE CORACANA. HORDEUM VULGARE. AVENA SATIVA SORGHUM VULGARE VAR DURRA. SORGHUM VULGARE VAR CAFFRORUM. SORGHUM CHINENSE. SORGHUM GUINEENSE. SORGHUM BANTUORUM. LEGUMINOSAE: PHASEOLUS VULGARIS. PHASEOLUS LANATUS. PHASEOLUS ACONITIFOLIUS. VICIA SATIVA. LUPINUS. GREENHOUSE. SOIL. SAND SODIUM. CHLORIDE. SULFATE SALT TOLERANCE
987. IVANOV, YU. M.; UDOVENKO, G. V. TECHNOLOGICAL MODIFICATION OF THE SEEDLING METHOD AND ANALYSIS OF ITS USEFULNESS FOR EVALUATION OF SALT TOLERANCE IN PLANTS. (RUS). TRUDY PO PRIKLADNOI BAKANIKE. GENETIKE I SELEKTSII. LENINGRAD 43: 160-167. 1970. WHEAT; CORN; OATS; SORGHUM; PEA; BEAN GRAMINEAE: TRITICUM AESTIVUM. ZEA MAYS. SORGHUM VULGARE. AVENA SATIVA; LEGUMINOSAE: PHASEOLUS VULGARIS. PISUM SATIVUM. GERMINATION DISHES VARIETY. SODIUM. CHLORIDE. SULFATE GERMINATION
988. IVANOVA, A. S. EFFECT OF SOIL SALINIZATION ON GROWTH AND DEVELOPMENT OF PEACH. SOVIET PLANT PHYSIOL. 21: 826-830. 1974. PEACH ROSACEAE: PRUNUS PERSICA. FIELD. POT. GREENHOUSE. SOIL SODIUM. SULFATE. CHLORIDE. MAGNESIUM. SALINE SOIL VEGETATIVE GROWTH. FLOWERING
989. IWAKI, S. STUDIES ON THE SALT INJURY IN RICE PLANT. (JAP: ENG SUM). MEM. EHIME UNIV. SEC. VI. (AGRIC.) 2: 1-156. 1956. RICE GRAMINEAE: ORYZA SATIVA. SAND SEA WATER GERMINATION. TRANSPIRATION. VEGETATIVE GROWTH. ROOT GROWTH
990. IWAKI, S.; KAWAI, M.; IKEMOTO, S. STUDIES ON THE SALT INJURY IN RICE PLANT. VIII. ON THE OCCURRENCE OF DEFORMATION IN THE FLOWER. (JAP: ENG SUM). CROP SCI. SOC. JAPAN PROC. 24: 82-84. 1955. RICE GRAMINEAE: ORYZA SATIVA. POT. SAND SODIUM. CHLORIDE FLOWERING. MORPHOLOGY



991. IWAKI, S.; KAWAI, M.; IKEMOTO, S. STUDIES ON THE SALT INJURY IN RICE PLANT. XVI. ON THE VARIATION OF SALT, NITROGEN AND CARBOHYDRATE CONTENT IN PLANT AS AFFECTED BY THE SALT SOLUTIONS OF VARIOUS CONCENTRATIONS. (JAP; ENG SUM). PROC. CROP SCI. SOC. JAPAN 27: 77-79. 1958. RICE GRAMINEAE: ORYZA SATIVA. POT. SAND SODIUM, CHLORIDE CHLORIDE UPTAKE, CARBOHYDRATE, NITROGEN UPTAKE, VEGETATIVE GROWTH
992. IWAKI, S.; OTA, K. STUDIES ON THE SALT INJURY IN RICE PLANT (PRELIMINARY REPORT). I. ABSORPTION AND GERMINATION OF RICE SEEDS IN VARYING CONCENTRATIONS OF NaCl (JAP; ENG SUM). CROP SCI. SOC. JAPAN PROC. 21: 87-88. 1952. RICE GRAMINEAE: ORYZA SATIVA. SODIUM, CHLORIDE GERMINATION
993. IWAKI, S.; OTA, K. STUDIES ON THE SALT INJURY IN RICE PLANT. III. RESEARCHES ON THE UPTAKE OF WATER, NaCl AND THE SYMPTOMS OF SALT INJURY IN RICE SEEDLINGS GROWN WITH CULTURE SOLUTION OF VARIOUS CONCENTRATIONS OF NaCl. (JAP; ENG SUM). CROP SCI. SOC. JAPAN PROC. 21: 245-246. 1953. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE SODIUM, CHLORIDE VEGETATIVE GROWTH, WATER UPTAKE, SODIUM UPTAKE, CHLORIDE UPTAKE
994. IWAKI, S.; OTA, K. STUDIES ON THE SALT INJURY IN RICE PLANT. 1. AVOIDING THE INJURY BY EARLY OR LATE HEADING. (JAP; ENG SUM). CROP SCI. SOC. JAPAN PROC. 21: 243-244. 1953. RICE GRAMINEAE: ORYZA SATIVA. FIELD, SOIL VARIETY, SALINE SOIL VEGETATIVE GROWTH
995. IWAKI, S.; OTA, K.; OGO, T. STUDIES ON SALT INJURY IN THE RICE PLANT. III. RESEARCHES ON THE UPTAKE OF WATER, THE SALT CONTENT AND THE SYMPTOMS OF INJURY IN RICE SEEDLINGS UNDER VARYING CONCENTRATIONS OF SODIUM CHLORIDE. (JAP; ENG SUM). SCI. REP. FAC. AGRIC. OKAYAMA UNIV. 1: 33-45. 1952. RICE GRAMINEAE: ORYZA SATIVA. POT. WATER CULTURE SODIUM, CHLORIDE VEGETATIVE GROWTH, LEAF INJURY, SODIUM UPTAKE, CHLORIDE UPTAKE
996. IWAKI, S.; OTA, K.; OGO, T. STUDIES ON THE SALT INJURY OF RICE PLANT. IV. THE INFLUENCE ON THE GROWTH, HEADING AND RIPENING OF RICE PLANT UNDER THE VARYING CONCENTRATIONS OF SODIUM CHLORIDE. (JAP; ENG SUM). CROP SCI. SOC. JAPAN PROC. 22: 13-14. 1953. RICE GRAMINEAE: ORYZA SATIVA. SODIUM, CHLORIDE VEGETATIVE GROWTH, CHLORIDE UPTAKE, CHLOROPHYLL
997. IYENGAR, E. R. R. STUDIES ON THE USE OF COASTAL DUNE SAND AND SEA WATER FOR GROWING CROPS IN INDIA. SAND DUNE RES. SOC. JAPAN 22: 47-48. 1975. MILLET, PEARL GRAMINEAE: PENNISETUM TYPHOIDES. SAND, FIELD SEA WATER GRAIN YIELD, STRAW YIELD
998. IYENGAR, E. R. R.; ABRAHAM, M.; MEHTA, B. R. NOTE ON CATION EXCHANGE CAPACITY AND CATION ACCUMULATION IN ROOTS OF SUGAR CANE AND TOMATO GROWN WITH SEA WATER DILUTIONS. INDIAN J. AGRIC. RES. 8: 187-189. 1974. SUGARCANE; TOMATO GRAMINEAE: SACCHARUM OFFICINARUM; SOLANACEAE: LYCOPERSICON ESCULENTUM. POT. SAND SEA WATER MINERAL COMPOSITION
999. IYENGAR, E. R. R.; KURIAN, T.; PATOLIA, J. S.; MEHTA, R. R. VARIETAL DIFFERENCES OF BARLEY, SORGHUM, AND SAFFLOWER TO SEA WATER SALINITY DURING GERMINATION. CURR. AGRIC. 1: 9-13. 1977. BARLEY; SORGHUM; SAFFLOWER GRAMINEAE: HORDEUM VULGARE, SORGHUM BICOLOR; COMPOSITAE: CARTHAMUS TINCTORIUS. GERMINATION DISHES SEA WATER GERMINATION, SEEDLING GROWTH
1000. IYENGAR, E. R. R.; KURIAN, T.; TEWARI, A. UTILIZATION OF SEA-WATER AND COASTAL SANDY BELTS AND GROWING CROPS IN INDIA. SALINE IRRIGATION FOR AGRICULTURE AND FORESTRY, H. BOYKO, (ED.), W. JUNK, PUBLISHERS, THE HAGUE: 24-40. 1968. RYEGRASS, ENGLISH; WHEATGRASS; SUDAN GRASS; JOHNSON GRASS; MILLET; PEANUT; RICE; GRAM; ALFALFA; CLOVER, BERSEEM; CLOVER, WHITE SWEET; BEAN, MOH; BEAN, VELVET; CLOVER, SWELL; TREFOIL, BIRD'S FOOT LEGUMINOSAE, ARACHIS HYPOGAEA, PHASEOLUS, MEDICAGO SATIVA, PHASEOLUS ACONITIFOLIUS, STIZOLOBIUM, MELILYTUS ALBA, TRIFOLIUM ALEXANDRINUM, LOTUS CORNICULATUS, CENTROSEMA PUBESCENS, MUCUNA COCHINCHINENSIS; GRAMINEAE: PENNISETUM TYPHOIDES, ORYZA SATIVA, LILIUM PERENNE, AGROPYRON TRACHYCAULUM, AGROPYRON ELONGATUM, SORGHUM SUDANENSE, SORGHUM HALEPENSE, SORGHUM ALBUM, ECHINOCHLOA COLONUM, PANICUM ANTIDOTALE. GERMINATION DISHES, POT. SOIL SEA WATER, SODIUM, CHLORIDE GERMINATION, VEGETATIVE GROWTH, FLOWERING, GRAIN YIELD, CROP QUALITY
1001. IYENGAR, E. R. R.; PANDYA, J. B. PERFORMANCE OF SUGARBEET VARIETIES UNDER DILUTED SEAWATER IRRIGATION. SAND DUNE



- RES. SOC. JAPAN 24: 45-52. 1977. BEET. SUGAR CHENOPODIACEAE: BETA VULGARIS. SAND SEA WATER. VARIETY ROOT GROWTH. MINERAL COMPOSITION. VEGETATIVE GROWTH. SUGAR YIELD
1002. IYENGAR, E. R. R.; PANDYA, J. B.; PATOLIA, J. S.; ABRAHAM, M.; RAJU, P. V. GROWTH, YIELD AND CHEMICAL COMPOSITION OF TAPIOCA VARIETIES TO SEA WATER SALINITY. SAND DUNE RES. SOC. JAPAN 23: 1-6. 1977. TAPIOCA EUPHORBIACEAE: MANIHOT ESCULENTA. SAND SEA WATER MINERAL COMPOSITION. VEGETATIVE GROWTH
1003. JACOB, A.; GOTTWICK, R.; SCHULTE, E. EINE DURCH CHLORIDE HERVORGERUFENE BLATTSCHADIGUNG BEI CITRUS. A LEAF INJURY OF CITRUS PRODUCED BY CHLORIDE. (GER). ANGEW. BOT. 22: 301-308. 1940. ORANGE, SOUR RUTACEAE: CITRUS AURANTIUM. POTASSIUM, CHLORIDE, SULFATE MINERAL COMPOSITION
1004. JADAV, K. L.; WALLIHAN, E. F.; SHARPLESS, R. G.; PRINTY, W. L. SALINITY EFFECTS ON NITROGEN USE BY WHEAT CULTIVAR SONORA 64. AGRON. J. 68: 222-226. 1976. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SAND, POT. GREENHOUSE NITROGEN, FERTILIZER, PLANT SPACING, SODIUM, CHLORIDE, CALCIUM VEGETATIVE GROWTH, GRAIN YIELD, NITROGEN UPTAKE
1005. JAGER, H. G.; PRIESE, A. ZUM PROBLEM DER DURCH SALINITAT INDUZIERTEN PUTRESCINBILDUNG IN PILANZEN. THE PROBLEM OF PUTRESCINE FORMATION IN PLANTS CAUSED BY HIGH SALINITY. (GER; ENG SUM). OECOL. PLANT. 10: 267-279. 1975. PEA, CORN LEGUMINOSAE: PISUM SATIVUM; GRAMINEAE: ZEA MAYS. SODIUM, SULFATE, CHLORIDE ENZYME ACTIVITY, AMINO ACID
1006. JAIN, T. C.; SAXENA, G. S.; JAIN, K. C.; TOTAWAT, K. L. EFFECT OF CROP ROTATION, FARM YARD MANURE, AND THE QUALITY OF SALINE IRRIGATION WATER ON THE YIELD OF WHEAT AND PHYSICO-CHEMICAL PROPERTIES OF THE SOIL. INDIAN J. AGRIC. RES. 10: 1-9. 1976. WHEAT GRAMINEAE: TRITICUM AESTIVUM. FIELD PLOT CROP ROTATION, SALINE WATER STRAW YIELD, GRAIN YIELD
1007. JAISWAL, R. C.; SINGH, K.; PANDITA, M. L. SALT TOLERANCE IN TEN VARIETIES OF PEA (PISUM SATIVUM L.) IN RELATION TO GERMINATION, VEGETATIVE GROWTH, AND YIELD. HARYANA J. HOPT. SCI. 4: 51-59. 1975. PEA LEGUMINOSAE: PISUM SATIVUM. POT. SOIL VARIETY, SODIUM, CHLORIDE, CALCIUM, SULFATE GERMINATION, VEGETATIVE GROWTH, SALT TOLERANCE
1008. JANARDHAN, K. V. NOTE ON MODIFIED METHOD FOR SCREENING RICE VARIETIES FOR TOLERANCE TO SALINE CONDITIONS. INDIAN J. AGRIC. SCI. 41: 504-507. 1971. RICE GRAMINEAE: ORYZA SATIVA. POT. WATER CULTURE SODIUM, CHLORIDE, VARIETY SALT TOLERANCE, VEGETATIVE GROWTH, GRAIN YIELD, CHLORIDE UPTAKE
1009. JANARDHAN, K. V.; MURTHY, A. S. P.; GIRIRAJ, K.; PANCHAKSHARAIHA, S. SALT TOLERANCE OF COTTON AND POTENTIAL USE OF SALINE WATER FOR IRRIGATION. CURR. SCI. 45: 334-336. 1976. COTTON MALVACEAE: GOSSYPIMUM. SOIL SODIUM, CHLORIDE, SULFATE, BICARBONATE, CALCIUM, VARIETY SODIUM UPTAKE, POTASSIUM UPTAKE
1010. JANARDHAN, K. V.; MURTY, K. S. EFFECT OF SODIUM CHLORIDE TREATMENT ON LEAF INJURY AND CHLORIDE UPTAKE BY YOUNG RICE SEEDLINGS. INDIAN J. PLANT PHYSIOL. 13: 225-232. 1970. RICE GRAMINEAE: ORYZA SATIVA. GREENHOUSE, POT, SOIL SODIUM, CHLORIDE, VARIETY CHLORIDE UPTAKE, LEAF INJURY, VEGETATIVE GROWTH, SALT TOLERANCE
1011. JANARDHAN, K. V.; MURTY, K. S. STUDIES ON SALT TOLERANCE IN RICE. III. RELATIVE SALT TOLERANCE OF SOME LOCAL AND HIGH YIELDING RICE VARIETIES. ORYZA 9: 23-34. 1972. RICE GRAMINEAE: ORYZA SATIVA. FIELD PLOT, SOIL VARIETY, SODIUM, CHLORIDE VEGETATIVE GROWTH, FLOWERING, SALT TOLERANCE
1012. JAMES, B. E. ADJUSTMENT MECHANISMS OF PLANTS SUBJECTED TO VARIED OSMOTIC PRESSURES OF NUTRIENT SOLUTION. SOIL SCI. 101: 180-188. 1966. PEPPER; BEAN SOLANACEAE: CAPSICUM ANNUUM; LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE, GROWTH CHAMBER SODIUM, CHLORIDE, OSMOTIC PRESSURE, POLYETHYLENE GLYCOL, CARBOWAX, VARIETY, TEMPERATURE, LIGHT, HUMIDITY, AERATION OSMOTIC POTENTIAL, WATER CONTENT, TURGIDITY, VEGETATIVE GROWTH, POTASSIUM UPTAKE, CHLORIDE UPTAKE
1013. JAMES, B. E. EFFECTS OF EXTENDED PERIODS OF OSMOTIC STRESS ON WATER RELATIONSHIPS OF PEPPER. PHYSIOL. PLANT. 21: 334-345. 1968. PEPPER SOLANACEAE: CAPSICUM ANNUUM. WATER CULTURE OSMOTIC STRESS, POLYETHYLENE GLYCOL, SODIUM, CHLORIDE OSMOTIC POTENTIAL TRANSPIRATION, WATER CONTENT



1014. JARVIS, P. G.; JARVIS, M. S. EFFECTS OF SEVERAL OSMOTIC SUBSTRATES ON THE GROWTH OF LUPINUS ALBUS SEEDLINGS. PHYSIOL. PLANT. 16: 485-500. 1963. LUPINE, WHITE LEGUMINOSAE: LUPINUS ALBUS. POT. WATER CULTURE CARBOWAX, SODIUM, CHLORIDE, MANNITOL, DEXTRAN VEGETATIVE GROWTH, OSMOTIC POTENTIAL, TRANSPIRATION
1015. JARVIS, P. J.; JARVIS, M. J. THE WATER RELATIONS OF TREE SEEDLINGS. III. TRANSPIRATION IN RELATION TO OSMOTIC POTENTIAL OF THE ROOT MEDIUM. PHYSIOL. PLANT. 16: 269-275. 1963. BIRCH: ASPEN: PINE, SCOTS: SPRUCE, NORWAY PINACEAE: PINUS SYLVESTRIS, PICEA ABIES: SALICACEAE: POPULUS TREMULA; CORYLACEAE: BETULA VERRUCOSA. WATER CULTURE, GREENHOUSE, GROWTH CHAMBER MANNITOL, LIGHT, AERATION TRANSPIRATION, WATER POTENTIAL, VEGETATIVE GROWTH, OSMOTIC POTENTIAL
1016. JEN, Y. M.; LEE, K. L.; WU, C. C.; RHYAN, S. K. STUDIES ON PLANTING OF SESBANIA AEGYPTICA AND ITS EFFECT ON AMELIORATION OF SALINE SOILS OF THE COASTAL AREAS ON PAN-CHIN LIAONING PROVINCE. (CHI). ACTA PEDOL. SIN. 13: 365-376. 1965. LEGUMINOSAE: SESBANIA AEGYPTICA. FIELD, SOIL SALINE SOIL, GROWTH STAGE SALT TOLERANCE, VEGETATIVE GROWTH, ROOT GROWTH, NODULATION, LEAF INJURY, GERMINATION, SEEDLING GROWTH
1017. JENSEN, C. R. EFFECTS OF SALINITY IN THE ROOT MEDIUM. I. YIELD, PHOTOSYNTHESIS AND WATER RELATIONSHIPS AT MODERATE EVAPORATIVE DEMANDS AND VARIOUS LIGHT INTENSITIES. ACTA AGRIC. SCAND. 25: 3-10. 1975. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. WATER CULTURE OSMOTIC STRESS, POTASSIUM, NITRATE, TEMPERATURE, LIGHT, AERATION TRANSPIRATION, VEGETATIVE GROWTH, PHOTOSYNTHESIS, OSMOTIC POTENTIAL.
1018. JENSEN, C. R. EFFECTS OF SALINITY IN THE ROOT MEDIUM. II. PHOTOSYNTHESIS AND TRANSPIRATION IN RELATION TO SUPERIMPOSED WATER STRESS FROM CHANGE OF EVAPORATIVE DEMANDS AND OF ROOT TEMPERATURE FOR SHORT PERIODS. ACTA AGRIC. SCAND. 25: 72-80. 1975. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE, POT POTASSIUM, NITRATE, TEMPERATURE, OSMOTIC PRESSURE, HUMIDITY, WATER STRESS PHOTOSYNTHESIS, TRANSPIRATION, OSMOTIC POTENTIAL
1019. JENSEN, C. R. EFFECTS OF SALINITY IN THE ROOT MEDIUM. III. PHOTOSYNTHESIS AND LEAF DIFFUSIVE RESISTANCE IN RELATION TO LEAF TEMPERATURE AND IN RELATION TO PRE-SALINITY TREATMENT. ACTA AGRIC. SCAND. 26: 196-202. 1976. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POTASSIUM, NITRATE PHOTOSYNTHESIS, LEAF DIFFUSIVE RESISTANCE, LEAF TEMPERATURE
1020. JESSEN, W. UBER DIE WIRKUNG CHLORHALTIGER KALISALZE AUF DAS WACHSTUM VON VERSCHIEDENEN HOLZARTEN IM GEFASSVERSUCH. EFFECT OF KCL SALTS ON GROWTH OF DIFFERENT WOODY SPECIES IN POT EXPERIMENTS. (GER). BODENKUNDE PFLANZENERNAHUNG, N. S. 7: 62-77. 1938. BEECH, EUROPEAN; PINE: PINE, SCOTS; LARCH, EUROPEAN PINACEAE: PINUS, PINUS SYLVESTRIS, LARIX DECIDUA; FAGACEAE: FAGUS SYLVATICA. POT POTASSIUM, CHLORIDE, SULFATE, CALCIUM, CARBONATE CHLORIDE UPTAKE, SULFATE UPTAKE, VEGETATIVE GROWTH
1021. JHA, H. N.; BAINS, S. S. VARIETAL PERFORMANCE IN PEAS ON A SALINE SOIL WITH HIGH WATER TABLE. INDIAN J. AGRON. 17: 165-168. 1972. PEA LEGUMINOSAE: PISUM SATIVUM. FIELD PLOT, SOIL VARIETY, PHOSPHATE, FERTILIZER, SALINE SOIL, WATER STRESS, WATER TABLE ROOT GROWTH
1022. JINDAL, P. C.; SINGH, J. P.; GUPTA, O. P. STUDIES ON SALT TOLERANCE IN MANGO. INJURIOUS EFFECTS OF SALTS ON YOUNG MANGO SEEDLINGS. PROG. HORT. 8: 65-71. 1976. MANGO ANACARDIACEAE: MANGIFERA INDICA. SOIL, POT SODIUM, CHLORIDE, CALCIUM, SULFATE LEAF INJURY, VEGETATIVE GROWTH
1023. JOHN, C. D.; LIMPINUNTANA, V.; GREENWAY, H. INTERACTION OF SALINITY AND ANAEROBIOSIS IN BARLEY AND RICE. J. EXP. BOT. 28: 123-141. 1977. BARLEY: RICE GRAMINEAE: HORDEUM VULGARE, ORYZA SATIVA. SAND, GREENHOUSE SODIUM, CHLORIDE, ANAEROBIOSIS VEGETATIVE GROWTH, CHLORIDE UPTAKE, SODIUM UPTAKE
1024. JOHN, D. THE EFFECT OF ADDITION OF SODIUM CHLORIDE ON THE GROWTH AND YIELD OF FOUR BARLEY VARIETIES. PROC. SEMINAR ON "SEA, SALT AND PLANTS" (BHAVNAGAR): 79-BB. 1965. BARLEY GRAMINEAE: HORDEUM VULGARIS. POT, SOIL, MANURE VARIETY, SODIUM, CHLORIDE VEGETATIVE GROWTH, GRAIN YIELD SEED WEIGHT
1025. JOHN, D.; LANI, B. M. THE EFFECT OF PRETREATMENT WITH ASCORBIC-ACID ON SALT AND DROUGHT RESISTANCE OF THREE VARIETIES OF BARLEY. PROC. NAT. ACAD. SCI., INDIA. 39(B), III. 217-225. 1969. BARLEY GRAMINEAE: HORDEUM VULGARE.

- POT. SOIL SODIUM. CHLORIDE. WATER STRESS. SEED PRETREATMENT. VARIETY. IRRIGATION METHOD. SOIL TYPE SALT TOLERANCE. ROOT GROWTH. VEGETATIVE GROWTH. WATER CONTENT
1026. JOHN, M. K.; CHUAH, H. H.; VAN LAERHOVEN, C. J. BORON RESPONSE AND TOXICITY AS AFFECTED BY SOIL PROPERTIES AND RATES OR BORON. SOIL SCI. 124: 34-39. 1977. SPINACH: CORN GRAMINEAE: ZEA MAYS: CHENOPODIACEAE: SPINACIA OLERACEA. GROWTH CHAMBER. POT. SOIL BORON BORON UPTAKE. CALCIUM UPTAKE. MANGANESE UPTAKE. PHOSPHORUS UPTAKE. VEGETATIVE GROWTH
 1027. JOHNSON, A. G.; WHITE, D. B.; SMITHBERG, M. H.; SNYDER, L. C. DEVELOPMENT OF GROUND COVERS FOR HIGHWAY SLOPES FINAL REPORT 1971. MINN. AGRIC. EXPT. STA. MISC. REPT. 282: 3-58. 1971. GROUND COVER: SHRUB; TREE; VINE; HERB SALT TOLERANCE
 1028. JOHNSON, W. C.; WEAR, J. I. EFFECT OF BORON ON WHITE CLOVER (TRIFOLIUM REPENS L.) SEED PRODUCTION. AGRON. J. 59: 205-206. 1967. CLOVER, WHITE LEGUMINOSAE: TRIFOLIUM REPENS. SOIL. FIELD PLOT BORON, COPPER, MANGANESE, ZINC SEED WEIGHT, VEGETATIVE GROWTH, SEED QUALITY
 1029. JOHNSTON, E. S.; DORE, W. H. THE INFLUENCE OF BORON ON THE CHEMICAL COMPOSITION AND GROWTH OF THE TOMATO PLANT. PLANT. PHYSIOL. 4: 31-62. 1929. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. WATER CULTURE, POT BORON, CALCIUM, MAGNESIUM, POTASSIUM, SULFATE, IRON TARTRATE MINERAL COMPOSITION, TRANSPIRATION, VEGETATIVE GROWTH, ROOT GROWTH
 1030. JONES, R. K.; CLAY, H. J. FOLIAR SYMPTOMS OF NUTRIENT DISORDERS IN TOWNSVILLE STYLO (STYLOSANTHES HUMILIS). AUST. CSIRO DIV. TROP. AGRON. TECH. PAPER 19: 1-11. 1976. STYLO, TOWNSVILLE LEGUMINOSAE: STYLOSANTHES HUMILIS. WATER CULTURE BORON LEAF INJURY
 1031. JONES, R. M. SEEDLING DEATH OF DESMODIUM INTORTUM IN THE QUEENSLAND WALLUM WITH SPECIAL REFERENCE TO POTASSIUM CHLORIDE FERTILIZER. TROP. GRASSLAND 7: 269-275. 1973. LEGUMINOSAE DESMODIUM INTORTUM. FIELD, SOIL POTASSIUM, CHLORIDE, SULFATE, FERTILIZER EMERGENCE, NODULATION, VEGETATIVE GROWTH
 1032. JONES, W. W.; MARTIN, J. P.; BITTERS, W. P. INFLUENCE OF EXCHANGEABLE SODIUM AND POTASSIUM IN THE SOIL ON THE GROWTH AND COMPOSITION OF YOUNG LEMON TREES ON DIFFERENT ROOTSTOCKS. AMER. PROC. HORT. SCI. PROC. 69: 189-196. 1957. LEMON RUTACEAE: CITRUS LIMON. SOIL, POT SODIUM, POTASSIUM, ROOTSTOCK, MAGNESIUM, CALCIUM VEGETATIVE GROWTH, MINERAL COMPOSITION
 1033. JONES, W. W.; PEARSON, H. E.; PARKER, E. R.; HUBERTY, M. R. EFFECT OF SODIUM IN FERTILIZER AND IN IRRIGATION WATER ON CONCENTRATION IN LEAF AND ROOT TISSUES OF CITRUS TREES. AMER. SOC. HORT. SCI. PROC. 60: 65-70. 1952. CITRUS RUTACEAE: CITRUS SOIL, FIELD PLOT SODIUM MINERAL COMPOSITION, SODIUM UPTAKE
 1034. JOSHI, G. V. PHYSIOLOGY OF SALT TOLERANCE IN PLANTS. BIOVIGYANAM 1: 21-39. 1975. SALT REGULATION, SALT TOLERANCE, PHOTOSYNTHESIS, ENZYME ACTIVITY
 1035. JOSHI, G. V. STUDIES IN PHOTOSYNTHESIS UNDER SALINE CONDITIONS. FINAL REPORT P.L. 480 PROJECT NO. A7-SWC-95. DEPT. BOT., SHIVAJI UNIV. KOLHAPUR, INDIA: 195 PP. 1976. RICE GRAMINEAE: ORYZA SATIVA. PHOTOSYNTHESIS, SALT TOLERANCE
 1036. JOSHI, Y. C. EFFECT OF DIFFERENT LEVELS OF EXCHANGEABLE SODIUM PERCENTAGE ON THE YIELD ATTRIBUTES OF 7 WHEAT VARIETIES. INDIAN J. PLANT PHYSIOL. 19: 190-193. 1976. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL VARIETY, EXCHANGEABLE SODIUM PERCENTAGE, SODIUM, BICARBONATE GRAIN YIELD
 1037. JOSHI, Y. C.; SARIN, M. N. NOTE ON THE EFFECT OF SALINITY ON DRY-WEIGHT ACCUMULATION IN DEVELOPING GRAINS OF WHEAT VARIETIES. INDIAN J. AGRIC. SCI. 44: 898-900. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL VARIETY, SODIUM, CHLORIDE, CALCIUM, SULFATE GRAIN WEIGHT



1038. JOSHI, Y. C.; SINGH, T. N. EFFECT OF EXCHANGEABLE SODIUM ON GERMINATION AND YIELD COMPONENTS IN 7 CULTIVARS OF MAIZE. INDIAN J. PLANT PHYSIOL. 18: 28-33. 1975. CORN GRAMINEAE: ZEA MAYS. SOIL, POT VARIETY, SODIUM, BICARBONATE, EXCHANGEABLE SODIUM PERCENTAGE GERMINATION, SEEDLING GROWTH
1039. JUNG, J.; EL-FOULY, M. M. GERMINATION, SEEDLING GROWTH AND ENZYME ACTIVITY OF WHEAT GROWN IN SOILS OF HIGH SODIUM CARBONATE OR CALCIUM CARBONATE LEVELS. EGYPT. J. BOT. 16: 1-8. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL SODIUM, CARBONATE, CALCIUM VEGETATIVE GROWTH, ENZYME ACTIVITY, GERMINATION
1040. KABANOV, V. V.; AZIYASHVILI, L. N. CHANGE IN NUCLEIC METABOLISM OF PLANTS UNDER SALINE CONDITIONS. SOVIET PLANT PHYSIOL. 14: 606-612. 1967. CABBAGE; BEET; PEA CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA; CHENOPODIACEAE: BETA VULGARIS; LEGUMINOSAE: PISUM SATIVUM. GREENHOUSE, POT. SAND, GROWTH CHAMBER VARIETY, SODIUM, CHLORIDE, SULFATE PHOSPHORUS UPTAKE, DESOXYRIBONUCLEIC ACID, RIBONUCLEIC ACID
1041. KABANOV, V. V.; ERMAKOV, I. P. EFFECT OF CHLORIDE SALINIZATION ON THE VOLUME OF THE NUCLEI IN PEA CELLS AND THEIR DNA CONTENT. SOVIET PLANT PHYSIOL. 16: 852-856. 1969. PEA LEGUMINOSAE: PISUM SATIVUM. GREENHOUSE, WATER CULTURE SODIUM, CHLORIDE DESOXYRIBONUCLEIC ACID
1042. KABANOV, V. V.; MYASOEDOV, N. A. TOXICITY OF ALKALINE CATIONS FOR TOMATO PLANTS. SOVIET PLANT PHYSIOL. 21: 318-323. 1974. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. GREENHOUSE, POT, WATER CULTURE LITHIUM, RUBIDIUM, SODIUM, POTASSIUM, CHLORIDE, CESIUM VEGETATIVE GROWTH, TOXICITY, ION UPTAKE
1043. KABANOV, V. V.; ORTEGENOV, Z. EFFECTS OF SODIUM CHLORIDES AND SULFATES ON PLANT COMPOSITION. SOVIET PLANT PHYSIOL. 20: 682-689. 1973. PEA; BEAN; BEAN, BROAD; BEAN, MUNG; TOMATO; GLASSWORT LEGUMINOSAE: PISUM SATIVUM, PHASEOLUS VULGARIS, VICIA FABA, PHASEOLUS AUREUS; SOLANACEAE: LYCOPERSICON ESCULENTUM; CHENOPODIACEAE: SALICORNIA. WATER CULTURE, SAND, POT SODIUM, CHLORIDE, SULFATE MINERAL COMPOSITION
1044. KABANOV, V. V.; TSENOV, E. I.; STROGONOV, B. P. EFFECT OF SODIUM CHLORIDE ON CONTENT AND SYNTHESIS OF NUCLEIC ACIDS IN PEA LEAVES. SOVIET PLANT PHYSIOL. 20: 385-390. 1973. PEA LEGUMINOSAE: PISUM SATIVUM. POT, SOIL, GROWTH CHAMBER SODIUM, CHLORIDE RIBONUCLEIC ACID, DESOXYRIBONUCLEIC ACID, VEGETATIVE GROWTH
1045. KABISHEVA, T. Z.; KLYSHEV, L. K.; RAKOVA, N. M. EFFECT OF SODIUM SULPHATE AND SODIUM CHLORIDE ON THE NITRATE REDUCTASE ACTIVITY IN PLANTS. (RUS). IZV. AKAD. NAUK. KAZ. SSR, SER. BIOL. 6: 6-11. 1975. PEA; CORN LEGUMINOSAE: PISUM SATIVUM; GRAMINEAE: ZEA MAYS. SODIUM, SULFATE, CHLORIDE, NITRATE, AMMONIUM WATER CONTENT, PROTEIN, VEGETATIVE GROWTH, NITRATE REDUCTASE, ENZYME
1046. KADDAH, M. T. SALINITY EFFECTS ON GROWTH OF RICE AT THE SEEDLING AND INFLORESCENCE STAGES OF DEVELOPMENT. SOIL SCI. 96: 105-111. 1963. RICE GRAMINEAE: ORYZA SATIVA. SOIL, POT VARIETY, SODIUM, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE, SEEDLING GROWTH, GERMINATION
1047. KADDAH, M. T. TOLERANCE OF BERSEEM CLOVER TO SALT. AGRON. J. 54: 421-425. 1962. CLOVER, BERSEEM LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. SAND, GREENHOUSE, POT, SOIL VARIETY, SODIUM, CHLORIDE, CALCIUM, MAGNESIUM MINERAL COMPOSITION
1048. KADDAH, M. T.; BARAKAT, M. A.; RACAERY, H. PRELIMINARY STUDY ON THE EFFECT OF TOTAL SALINITY ON GERMINATION AND GROWTH OF THE SEEDLINGS OF SOME CEREAL CROPS. (ARA). HIGH COMMITTEE SCI., SEED CONF. 134. U.A.R. RICE; WHEAT, BARLEY GRAMINEAE: ORYZA SATIVA, TRITICUM AESTIVUM, HORDEUM VULGARE. SAND GERMINATION, SEEDLING GROWTH
1049. KADDAH, M. T.; FAKHRY, S. I. TOLERANCE OF EGYPTIAN RICE TO SALT: 1. SALINITY EFFECTS WHEN APPLIED CONTINUOUSLY AND INTERMITTENTLY AT DIFFERENT STAGES OF GROWTH AFTER TRANSPLANTING. SOIL SCI. 91: 113-120. 1961. RICE GRAMINEAE: ORYZA SATIVA. FIELD, SOIL, GREENHOUSE, POT VARIETY, SODIUM, CHLORIDE, CALCIUM SALT TOLERANCE, GRAIN YIELD, STRAW YIELD, VEGETATIVE GROWTH
1050. KADDAH, M. T.; FAKHRY, S. I. TOLERANCE OF EGYPTIAN RICE TO SALT: 2. SALINITY EFFECTS AS RELATED TO CATIONIC

- COMPOSITION, TEMPORARY APPLICATION, AND IRRIGATION AND DRAINAGE FREQUENCY. SOIL SCI. 93: 95-103. 1962. RICE GRAMINEAE: ORYZA SATIVA. FIELD. POT. SOIL VARIETY, SODIUM, CHLORIDE, CALCIUM SALT TOLERANCE, GRAIN YIELD, VEGETATIVE GROWTH, MINERAL COMPOSITION
1051. KADDAH, M. T.; GHOWAIL, S. I. SALINITY EFFECTS ON THE GROWTH OF CORN AT DIFFERENT STAGES OF DEVELOPMENT. AGRON. J. 56: 214-217. 1964. CORN GRAMINEAE: ZEA MAYS. FIELD PLOT. SOIL GROWTH STAGE, CHLORIDE, SULFATE, CALCIUM, SODIUM, MAGNESIUM MINERAL COMPOSITION, VEGETATIVE GROWTH
1052. KADDAH, M. T.; LEHMAN, W. F.; MEEK, B. D.; ROBINSON, F. E. SALINITY EFFECTS ON RICE AFTER THE BOOT STAGE. AGRON. J. 67: 436-439. 1975. RICE GRAMINEAE: ORYZA SATIVA. SOIL. POT SODIUM, CHLORIDE, CALCIUM SALT TOLERANCE, GRAIN YIELD, VEGETATIVE GROWTH
1053. KADDAH, M. T.; LEHMAN, W. F.; ROBINSON, F. E. TOLERANCE OF RICE (ORYZA SATIVA L.) TO SALT DURING BOOT, FLOWERING, AND GRAIN FILLING STAGES. AGRON. J. 65: 845-847. 1973. RICE GRAMINEAE: ORYZA SATIVA. GREENHOUSE, SOIL, POT VARIETY, SODIUM, CHLORIDE, CALCIUM, WATER STRESS SALT TOLERANCE, VEGETATIVE GROWTH, GRAIN YIELD, STRAW YIELD, EMERGENCE
1054. KADMAN, A. EXPERIMENTS WITH SALINE RESISTANT VEGETATIVELY PROPAGATED AVOCADO ROOTSTOCKS. PROC. 18TH INT. HORT. CONG. 1: 136. 1970. AVOCADO LAURACEAE: PERSEA AMERICANA. FIELD PLOT, SOIL VARIETY, CHLORIDE, ROOTSTOCK, GRAFT SALT TOLERANCE
1055. KADMAN, A. THE UPTAKE AND ACCUMULATION OF CHLORIDE IN AVOCADO LEAVES AND THE TOLERANCE OF AVOCADO SEEDLINGS UNDER SALINE CONDITIONS. PROC. AMER. SOC. HORT. SCI. 83: 280-286. 1963. AVOCADO LAURACEAE: PERSEA AMERICANA. POT, FIELD PLOT, SOIL VARIETY, SODIUM, CHLORIDE SEEDLING GROWTH, CHLORIDE UPTAKE, SALT TOLERANCE
1056. KADMAN, A.; BEN-YA'ACOV, A. SELECTION OF AVOCADO ROOTSTOCKS FOR SALINE CONDITIONS. ACTA HORT. 57: 189-197. 1976. AVOCADO LAURACEAE: PERSEA AMERICANA. GREENHOUSE, SOIL VARIETY, SODIUM, CHLORIDE VEGETATIVE GROWTH, LEAF INJURY, MINERAL COMPOSITION
1057. KADMAN, A.; GAZIT, S.; ZIV, G. SELECTION OF MANGO ROOTSTOCKS FOR ADVERSE WATER AND SOIL CONDITIONS IN ARID AREAS. ACTA HORTIC. 57: 81-87. 1976. MANGO ANACARDIACEAE: MANGIFERA INDICA. FIELD, SOIL SALINE WATER LEAF INJURY, MINERAL COMPOSITION, VEGETATIVE GROWTH
1058. KADOTA, M. PHYSIOLOGICAL AND ECOLOGICAL STUDIES ON SALT INJURY TO PINE TREES GROWING NEAR COASTAL SAND DUNES. (JAP: ENG SUM). BULL. NAGOYA UNIV. 37: 95 PP. 1962. PINE, JAPANESE BLACK PINACEAE: PINUS THUNBERGII, PINUS THUNBERGIANA. SOIL, POT SALT SPRAY, SEA WATER, SODIUM, CHLORIDE RESPIRATION, VITAMIN C, CHLOROPHYLL, SUGAR
1059. KAGEYAMA, M.; MASAKI, T. STUDIES ON THE PRODUCTIVITY OF VEGETABLE CROPS UNDER PLASTIC GREENHOUSE. I. THE CORRELATION BETWEEN GROWTH, ELECTRICAL CONDUCTIVITY, OSMOTIC PRESSURE OF SUBSTRATES OF PLANTS AND SOLUBLE SALT CONCENTRATION IN SOILS. (JAP: ENG SUM). OKITSU HORT. RES. STA. BULL. SER. B. 6: 95-112. 1966. CUCUMBER; WATERMELON; TOMATO; BEAN, KIDNEY LEGUMINOSAE: PHASEOLUS VULGARIS; CUCURBITACEAE: CUCUMIS SATIVUS, CITRULLUS VULGARIS; SOLANACEAE: LYCOPERSICON ESCULENTUM. GREENHOUSE, SOIL SODIUM, CHLORIDE, FERTILIZER, OSMOTIC PRESSURE CELL SAP CONCENTRATION, VEGETATIVE GROWTH, GERMINATION, ROOT GROWTH, FRUIT QUALITY
1060. KAGEYAMA, M.; MASAKI, T. STUDIES ON THE PRODUCTIVITY OF VEGETABLE CROPS UNDER PLASTIC GREENHOUSE. II. GROWTH OF CUCUMBER PLANTS AT VARIOUS LEVELS OF SOLUBLE SALT CONCENTRATIONS AS AFFECTED BY SOIL MOISTURE TENSIONS. (JAP: ENG SUM). OKITSU HORT. RES. STA. BULL. SER. B. 7: 29-55. 1967. CUCUMBER CUCURBITACEAE: CUCUMIS SATIVUS. GREENHOUSE, POT, SOIL FERTILIZER, AMMONIUM, SULFATE, PHOSPHATE, POTASSIUM, CALCIUM, WATER, STRESS, TEMPERATURE, OSMOTIC PRESSURE VEGETATIVE GROWTH, ROOT GROWTH, CELL SAP CONCENTRATION
1061. KAHANE, I.; POLJAKOFF-MAYBER, A. EFFECT OF SUBSTRATE SALINITY ON THE ABILITY FOR PROTEIN SYNTHESIS IN PEA ROOTS. PLANT PHYSIOL. 43: 1115-1119. 1968. PEA LEGUMINOSAE: PISUM SATIVUM. GROWTH CHAMBER, GERMINATION DISHES, VERMICULITE SODIUM, CHLORIDE, KINETIN LEUCINE, SULFATE AMINO ACID UPTAKE, MINERAL COMPOSITION

1062. KAHANE, I.; POLJAKOFF-MAYBER, A. EFFECT OF SULPHATE AND CHLORIDE SALINITY ON ABSORPTION AND METABOLISM OF AMINO ACIDS IN PEA ROOT TIPS. ISRAEL J. BOTANY 17: 128. 1968. PEA LEGUMINOSAE: PISUM SATIVUM. SODIUM, CHLORIDE. SULFATE. KINETIN. PROTEIN UPTAKE. AMINO ACID. ROOT GROWTH
1063. KALIAPPAN, R.; RAJAGOPAL, A. EFFECT OF SALINITY ON THE SOUTH INDIAN FIELD CROPS: DURATION AND GRAIN SETTING IN RAGI (ELEUSINE CORACANA GAERTN.). MADRAS AGRIC. J. 55: 125-128. 1968. MILLET, AFRICAN GRAMINEAE: ELEUSINE CORACANA. SOIL. POT. VARIETY. SODIUM, CHLORIDE. CALCIUM. EMERGENCE. VEGETATIVE GROWTH
1064. KALIAPPAN, R.; RAJAGOPAL, A. EFFECT OF SALINITY ON THE SOUTH INDIAN FIELD CROPS: GERMINATION AND EARLY VIGOUR OF CHILLIES (CAPSICUM ANNUUM LINN.). MADRAS AGRIC. J. 57: 231-233. 1970. CHILLIES SOLANACEAE: CAPSICUM ANNUUM. POT. SOIL. VARIETY. SODIUM, CALCIUM, CHLORIDE. SEEDLING GROWTH. ROOT GROWTH. GERMINATION
1065. KALIAPPAN, R.; RAJAGOPAL, A. SALINITY EFFECT ON THE GERMINATION AND EARLY VIGOUR OF FIVE SORGHUM VARIETIES. MADRAS AGRIC. J. 56: 282-285. 1969. SORGHUM GRAMINEAE: SORGHUM VULGARE. POT. SOIL. VARIETY. SODIUM, CHLORIDE. CALCIUM. GERMINATION. SEEDLING GROWTH. WATER CONTENT. ROOT GROWTH
1066. KALIAPPAN, R.; PAMACHANDRAN, M.; RAJAGOPAL, A. EFFECT OF SALINITY ON THE SOUTH INDIAN FIELD CROPS: GERMINATION AND EARLY VIGOUR OF RAGI (ELEUSINE CORACANA GAERTN.). MADRAS AGRIC. J. 54: 619-623. 1967. MILLET, AFRICAN GRAMINEAE: ELEUSINE CORACANA. GERMINATION DISHS. SOIL. GREENHOUSE. VARIETY. SODIUM, CHLORIDE, CALCIUM. GERMINATION. SEEDLING GROWTH. ROOT GROWTH
1067. KALIR, A.; POLJAKOFF-MAYBER, A. EFFECT OF SALINITY ON RESPIRATORY PATHWAYS IN ROOT TIPS OF TAMARIX TETRAGYNA. PLANT PHYSIOL. 57: 167-170. 1976. TAMARISK TAMARICACEAE: TAMARIX TETRAGYNA. VERMICULITE. SODIUM, CHLORIDE. MALATE DEHYDROGENASE. GLUCOSE UPTAKE. GLUCOSE-6-PHOSPHATE DEHYDROGENASE. OSMOTIC POTENTIAL. RESPIRATION
1068. KALIR, A.; POLJAKOFF-MAYBER, A. MALIC DEHYDROGENASE FROM TAMARIX ROOTS. EFFECTS OF SODIUM CHLORIDE IN VIVO AND IN VITRO. PLANT PHYSIOL. 55: 155-162. 1975. TAMARISK TAMARICACEAE: TAMARIX TETRAGYNA. VERMICULITE. SODIUM, CHLORIDE. MANNITOL. SULFATE. MAGNESIUM. POTASSIUM. ENZYME. MALATE DEHYDROGENASE
1069. KANNAN, S. SIGNIFICANCE OF SALT TRANSPORT PATTERNS IN RICE VARIETIES DIFFERING IN SALT TOLERANCE. COMMUN. SOIL SCI. PLANT ANAL. 6: 63-69. 1975. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE. SULFATE. CALCIUM. VARIETY. SODIUM. POTASSIUM. ION UPTAKE. SALT TOLERANCE
1070. KAPLAN, A.; GALE, J. EFFECT OF SODIUM CHLORIDE SALINITY ON THE WATER BALANCE OF ATRIPLEX HALIMUS. AUST. J. BIOL. SCI. 25: 895-903. 1972. SALTBUSH CHENOPODIACEAE: ATRIPLEX HALIMUS. POT. GROWTH CHAMBER. WATER CULTURE. TEMPERATURE. HUMIDITY. LIGHT. SODIUM, CHLORIDE. OSMOTIC STRESS. WATER POTENTIAL. OSMOTIC POTENTIAL. PHOTOSYNTHESIS. TRANSPIRATION
1071. KAPP, L. D. THE EFFECT OF COMMON SALT ON RICE PRODUCTION. ARK. AGRIC. EXPT. STA. BULL. 405, 7 PP. 1947. RICE GRAMINEAE: ORYZA SATIVA. GREENHOUSE. FIELD PLOT. POT. SODIUM, CHLORIDE. GERMINATION. VEGETATIVE GROWTH
1072. KARADAVID, B.; ZUR, M.; BEN-HERUTH, Z.; RICSIA, M. TESTING SUGARBEET VARIETIES FOR CULTIVATION WITH BRACKISH IRRIGATION WATER. (HEB). HASSADEH 55: 1793-1794. 1975. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. FIELD PLOT. SOIL. SPRINKLER IRRIGATION. VARIETY. POTASSIUM. BRACKISH WATER. SODIUM ADSORPTION RATIO. WATER QUALITY. SUGAR
1073. KARAMI, E. EMERGENCE OF 9 VARIETIES OF SUNFLOWER (HELIANTHUS ANNUUS L.) IN SALINIZED SOIL CULTURES. J. AGRIC. SCI. 83: 359-362. 1974. SUNFLOWER COMPOSITAE: HELIANTHUS ANNUUS. SOIL. POT. VARIETY. SODIUM, CHLORIDE. EMERGENCE
1074. KARMARKAR, S. M.; JOSHI, G. V. EFFECT OF SAND CULTURE AND SODIUM CHLORIDE ON GROWTH PHYSICAL STRUCTURE AND ORGANIC ACID METABOLISM IN BRYOPHYLLUM PINNATUM. PLANT SOIL 30: 41-48. 1969. AIR PLANT CRASSULACEAE: BRYOPHYLLUM PINNATUM. POT. SAND. SOIL. SODIUM, CHLORIDE. VEGETATIVE GROWTH. ROOT GROWTH

1075. KARSCHON, R. CHLORIDE SCORCH DUE TO WIND-BORNE SALT IN EUCALYPTUS GOMPHOCEPHALA A. DC. SOC. ISRAEL FORESTERS. LA-YAARAN. THE FORESTER 14: 42-45. 1964. GUM MYRTACEAE: EUCALYPTUS GOMPHOCEPHALA. FIELD. SOIL SALT SPRAY LEAF INJURY. SODIUM UPTAKE. CHLORIDE UPTAKE. MINERAL COMPOSITION
1076. KARSCHON, R. LEAF ABSORPTION OF WIND-BORNE SALT AND LEAF SCORCH IN EUCALYPTUS CAMALDULENSIS DEHN. FORREST RES. STA., ILANOTH. ISRAEL. NO. 4: 5-25. 1958. GUM. MURRAY RED MYRTACEAE: EUCALYPTUS CAMALDULENSIS. SOIL. FIELD SALT SPRAY LEAF INJURY. SODIUM UPTAKE. CHLORIDE UPTAKE
1077. KARSCHON, R.; ZOHAR, Y. EFFECTS OF FLOODING AND OF IRRIGATION WATER SALINITY ON EUCALYPTUS CAMALDULENSIS DEHN. FROM THREE SEED SOURCES. LEAFL. ISRAEL AGRIC. RES. ORGAN. DIV. FOR ILANOT 54: 8 PP. 1975. TREE; EUCALYPTUS MYRTACEAE: EUCALYPTUS CAMALDULENSIS. POT. SOIL SODIUM. CHLORIDE VEGETATIVE GROWTH. ROOT GROWTH
1078. KATHIRGAMARAJ, S.; WILLIAMS, C. N.; JOSEPH, K. T. EFFECTS OF SEA WATER ON GROWTH OF REYONG-20 RICE IN MALAYSIA. EXPT. AGRIC. 5: 231-240. 1969. RICE GRAMINEAE: ORYZA SATIVA. POT. SOIL. GREENHOUSE SEA WATER VEGETATIVE GROWTH
1079. KAUL, A. EFFECT OF LIGHT, SALT AND NATURALLY OCCURRING SUBSTANCE ON SEED GERMINATION OF ALTERNANTHERA SESSILIS R. BR. TROP. ECOL. 13: 96-103. 1972. AMARANTHACEAE: ALTERNANTHERA SESSILIS. GERMINATION DISHES. WATER CULTURE LIGHT. AMMONIUM. NITRATE. POTASSIUM. CALCIUM. TEMPERATURE. SEED PRETREATMENT GERMINATION
1080. KAUR, P.; GUPTA, U. S. STUDIES ON THE EFFECTS OF 3 SODIUM SALTS ON GERMINATION, EARLY GROWTH AND PHYSIOLOGY OF PISUM SATIVUM L. VAR. T-163 AND PERFECTION. J. RES. PUNJAB AGRIC. UNIV. 7: 321-327. 1970. PEA LEGUMINOSAE: PISUM SATIVUM. GERMINATION DISHES. WATER CULTURE CHLORIDE. SULFATE. CARBONATE. SODIUM. VARIETY GERMINATION. RESPIRATION. PEROXIDASE ACTIVITY. DEHYDROGENASE
1081. KAWAHARA, A.; TAKADA, H. PHYSIOLOGY OF METASEQUOIA GLYPTOSTROBODES AND RELATED SPECIES OF CONIFER. IV. THE EFFECT OF VARYING OSMOTIC PRESSURE OF CULTURE SOLUTIONS ON WATER BALANCE. J. INST. BIOL. OSAKA CITY UNIV. 13: 1-13. 1962. TAXODIACEAE: METASEQUOIA GLYPTOSTROBODES. WATER CULTURE. POT OSMOTIC PRESSURE. POTASSIUM. CHLORIDE. SODIUM WATER CONTENT. VEGETATIVE GROWTH. WATER UPTAKE. TRANSPIRATION
1082. KAWASAKI, T.; MORITSUGU, M. CALCIUM EFFECT ON THE ABSORPTION OF MONOVALENT CATIONS BY PLANT ROOTS. VII. EFFECT OF CALCIUM ON THE ABSORPTION AND TRANSLOCATION OF MONOVALENT CATIONS BY PLANTS - ESPECIALLY IN RELATION TO SALT INJURY (2. BARLEY AND PADDY RICE PLANTS). J. SCI. SOIL AND MANURE, JAPAN 44: 133-138. 1973. BARLEY; RICE GRAMINEAE: HORDEUM VULGARE. ORYZA SATIVA. WATER CULTURE. POT SODIUM. CHLORIDE. CALCIUM SODIUM UPTAKE. POTASSIUM UPTAKE. MINERAL COMPOSITION
1083. KAWASAKI, T.; MORITSUGU, M. EFFECT OF CALCIUM ON THE ABSORPTION OF MONOVALENT CATIONS BY PLANT ROOTS. VI. EFFECT OF CALCIUM ON THE ABSORPTION AND TRANSLOCATION OF MONOVALENT CATION BY PLANTS - ESPECIALLY IN RELATION TO SALT INJURY (1. CORN AND BEAN PLANTS). J. SCI. SOIL AND MANURE, JAPAN 44: 89-96. 1973. CORN; BEAN GRAMINEAE: ZEA MAYS; LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE. POT SODIUM. CHLORIDE. CALCIUM. MAGNESIUM SODIUM UPTAKE. POTASSIUM UPTAKE. MINERAL COMPOSITION
1084. KEARNEY, T. H. CHOICE OF CROPS FOR ALKALI LAND. USDA FARMER'S BULL. 446: 32 PP. 1911. FORAGE CROP; GRAIN CROP; LEGUME; FRUIT TREE; TREE; SHRUB; WHEATGRASS. WESTERN; BROMEGRASS. SMOOTH; OAT GRASS. TALL. RYEGRASS. ITALIAN; SALTGRASS. DESERT; SORGHUM; MILLET. FOXTAIL; MILLET. BROOMCORN; RAPE; KALE; ALFALFA; PEA; CLOVER. SWEET; CLOVER. BERSEEM; VETCH. HAIRY; VETCH. SCARLET; BEAN. BROAD; BEET. SUGAR; WHEAT; EMMER; BARLEY; RYE; OATS; CORN; RICE; PALM. CANARY ISLAND; OLEANDER; BEEFWOOD; PALM. WASHINGTON; DATE PALM; PALM; COTTON; FLAX; CELERY; ONION; ASPARAGUS; POTATO; GRAPE. ARTICHOKE. GLOBE; CABBAGE; CAULIFLOWER; EGGPLANT; SPINACH; POTATO. SWEET; COTTONWOOD. FREMONT; CHINABERRY; GOLDEN-RAIN TREE; PLANE TREE. EUROPEAN; GUM. RED; GUM. BLUE. GUM. GRAY; POMEGRANATE; TAMARISK; ORANGE; LEMON; PLUM; APRICOT; PEACH; CHERRY; WALNUT. ENGLISH GRAMINEAE: AGROPYRON SMITHII. BROMUS INERMIS. ARRHENATHERUM ELATIUS. LOLIUM MULTIFLORUM. DISTICHLIS STRICTA. SORGHUM VULGARE. SETARIA ITALICA. PANICUM MILIACEUM. TRITICUM AESTIVUM. HORDEUM VULGARE. AVENA SATIVA. SECALE CEREALE. ZEA MAYS. ORYZA SATIVA. TRITICUM DICOCCUM; TAMARICACEAE: TAMARIX GALLICA; CHENOPODIACEAE: BETA VULGARIS. ATRIPLEX BREWERI. ATRIPLEX LENTIFORMIS. SPINACIA OLERACEA;

LEGUMINOSAE: MEDICAGO SATIVA. PISUM SATIVUM. MELILOTUS ALBA. TRIFOLIUM ALEXANDRINUM. VICIA FABA. VICIA VILLOSA. VICIA SATIVA. PUNICACEAE: PUNICA GRANATUM. CRUCIFERAE: BRASSICA OLERACEA. BRASSICA NAPUS. BRASSICA OLERACEA VAR BOTRYTIS. BRASSICA OLERACEA VAR CAPITATA. SALICACEAE: POPULUS FREMONTII. UMBELLIFERAE: APIUM GRAVEOLENS VAR DULCE. LILIACEAE: ASPARAGUS OFFICINALIS. AMARYLLIDACEAE: ALLIUM CEPA. MALVACEAE: GOSSYPIUM HIRSUTUM. LINACEAE: LINUM USITATISSIMUM. CONVULVULACEAE: IPOMOEA BATATAS. SOLANACEAE: SOLANUM TUBEROSUM. SOLANUM MELONGENA. VITACEAE: VITIS VINIFERA. PALMACEAE: PHOENIX DACTYLIFERA. WASHINGTONIA. PHOENIX CANARIENSIS. CASUARINACEAE: CASUARINA. APOCYNACEAE: NERIUM OLEANDER. MYRTACEAE: EUCALYPTUS GLOBULUS. EUCALYPTUS TERETICORNIS. EUCALYPTUS ROSTRATA. PLATANACEAE: PLATANUS ORIENTALIS. MELIACEAE: MELIA AZEDARACH. SAPINDACEAE: KOELREUTERIA. RUTACEAE: CITRUS SINENSIS. CITRUS LIMON. ROSACEAE: PRUNUS DOMESTICA. PRUNUS ARMENIACA. PRUNUS PERSICA. PRUNUS. JUGLANDACEAE: JUGLANS REGIA. ALKALI TOLERANCE. SODIUM TOLERANCE

1085. KEARNEY, T. H.; BRIGGS, L. J.; SHANTZ, H. L.; MCLANE, J. W.; PIEMEISEL, R. L. INDICATOR SIGNIFICANCE OF VEGETATION IN TOOELE VALLEY, UTAH. J. AGRIC. RES. 1: 365-417. 1914. NATIVE VEGETATION SALINE SOIL ECOLOGY
1086. KEARNEY, T. H.; CAMERON, F. K. SOME MUTUAL RELATIONSHIPS BETWEEN ALKALI SOILS AND VEGETATION. USDA REPT. 71: 60 PP. 1902. LUPINE, WHITE: ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. LUPINUS ALBUS. TEST TUBE, WATER CULTURE SODIUM, CHLORIDE, SULFATE, POTASSIUM, CARBONATE, BICARBONATE SALT TOLERANCE
1087. KEARNEY, T. H.; HARTER, L. L. THE COMPARATIVE TOLERANCE OF VARIOUS PLANTS FOR THE SALTS COMMON IN ALKALI SOILS. USDA BUR. PLANT IND. BULL. 113: 22 PP. 1907. CORN: COTTON: SORGHUM: OATS: BEET, SUGAR: ALFALFA: WHEAT: LUPINE, WHITE GRAMINEAE: ZEA MAYS. SORGHUM VULGARE. AVENA SATIVA. TRITICUM AESTIVUM. CHENOPODIACEAE: BETA VULGARIS. MALVACEAE: GOSSYPIUM. LEGUMINOSAE: MEDICAGO SATIVA. LUPINUS ALBUS. WATER CULTURE VARIETY, MAGNESIUM, SULFATE, SODIUM, CARBONATE, CHLORIDE, BICARBONATE SALT TOLERANCE, TOXICITY
1088. KEARNEY, T. H.; SCOFIELD, C. S. THE CHOICE OF CROPS FOR SALINE LAND. USDA CIRC. 404: 24 PP. 1936. TREE: SHRUB: GRASS: VINE: LEGUME: VEGETABLE: FORAGE CROP: HERB: NATIVE VEGETATION: GRAIN CROP: FRUIT TREE: FIBER CROP: OIL CROP: WHEATGRASS, WESTERN: BROMEGRASS, SMOOTH: SALTGRASS, DESERT. SORGHUM: MILLET, FOXTAIL: WHEATGRASS, TALL: RYEGRASS, ITALIAN: WHEATGRASS, SLENDER: RAPE: KALE: ALFALFA: PEA: CLOVER, SWEET: CAT GRASS, TALL: WHEATGRASS, CRESTED: VETCH, HAIRY: VETCH, SCARLET: BEAN, BROAD: WHEAT: EMMER: BARLEY: OATS: RYE: PROSO: MILLET, BROOMCORN: SALT BUSH: BEET, SUGAR: MANGEL: COTTON: FLAX: OLIVE, RUSSIAN: DATE PALM: POMEGRANATE: BERMUDA GRASS: RHODES GRASS, FESCUE, MEADOW: REDTOP: CRCHARD GRASS: TIMOTHY: ALKALI GRASS, NUTTALL: ALKALI SACATON: CLOVER, STRAWBERRY: VETCH: COTTONWOOD, FREMONT: LOCUST, BLACK: LOCUST, HONEY: ELM, CHINESE: MULBERRY, RUSSIAN: CHINABERRY: GOLDEN-RAIN TREE: PLANE TREE, EUROPEAN: OLEANDER: BEEFWOOD: PALM, WASHINGTON: PALM, CANARY ISLAND: GUM, DESERT: GUM, RED: ASPARAGUS: CELERY: CABBAGE: CAULIFLOWER: EGGPLANT: SPINACH: POTATO, SWEET: POTATO: ARTICHOKE, GLOBE GRAMINEAE: AGROPYRON SMITHII, BROMUS INERMIS, ARRHENATHERUM ELATIUS, AGROPYRON PAUCIFLORUM, AGROPYRON CRISTATUM, CYNODON DACTYLON, CHLORIS GAYANA, FESTUCA ELATIOR, LOLIUM MULTIFLORUM, AGROSTIS ALBA, DACTYLIS GLUMERATA, PHEUM PRATENSE, DISTICHLIS STRICTA, PUCCINELLIA NUTTALLIANA, SPOROBOLUS AIROIDES, SORGHUM VULGARE, SETARIA ITALICA, PANICUM MILIACEUM, TRITICUM AESTIVUM, TRITICUM DICOCCUM, HORDEUM VULGARE, AVENA SATIVA, SECALE CEREALE: COMPOSITAE: CYNARA SCOLYMUS: MELIACEAE: MELIA AZEDARACH: CRUCIFERAE: BRASSICA NAPUS, BRASSICA OLERACEA, BRASSICA OLERACEA VAR CAPITATA, BRASSICA OLERACEA VAR BOTRYTIS: LINACEAE: LINUM USITATISSIMUM: UMBELLIFERAE: APIUM GRAVEOLENS: LILIACEAE: ASPARAGUS OFFICINALIS: CONVULVULACEAE: IPOMOEA BATATAS: SOLANACEAE: SOLANUM TUBEROSUM, SOLANUM MELONGENA: MALVACEAE: GOSSYPIUM HIRSUTUM: LEGUMINOSAE: TRIFOLIUM FRAGIFERUM, MEDICAGO SATIVA, VICIA FABA, PISUM SATIVUM, VICIA SATIVA, MELILOTUS ALBA, ROBINIA PSEUDOACACIA, ROBINIA: CHENOPODIACEAE: BETA VULGARIS, SPINACIA OLERACEA, ATRIPLEX BREWERI, ATRIPLEX LENTIFORMIS: SAPINDACEAE: KOELREUTERIA: PUNICACEAE: PUNICA GRANATUM: PALMACEAE: PHOENIX DACTYLIFERA, PHOENIX CANARIENSIS: ULMACEAE: ULMUS PARVIFOLIA: MORACEAE: MORUS ALBA: SALICACEAE: POPULUS FREMONTII: ELAEAGNACEAE: ELAEAGNUS: MYRTACEAE: EUCALYPTUS RUDIS, EUCALYPTUS ROSTRATA: PLATANACEAE: PLATANUS ORIENTALIS: CASUARINACEAE: CASUARINA. SALT TOLERANCE
1089. KEITH, L. B. SOME EFFECTS OF INCREASING SOIL SALINITY ON PLANT COMMUNITIES. CAN. J. BOT. 36: 79-89. 1958. NATIVE VEGETATION ECOLOGY
1090. KELLER, B. DIE VEGETATION AUF DEN SALZBODEN DER RUSSISCHEN HALBWUSTEN UND WUSTEN. THE VEGETATION ON THE SALTY SOILS OF RUSSIA'S DESERTS AND SEMI-DESERTS. (GER). ZEITSCHRIFT F. BOT. 18: 110-137. 1926. SALT BUSH: SAGEBRUSH:

GLASSWORT CHENOPODIACEAE: KOCHIA PROSTRATA, ATRIPLEX CANUM, ATRIPLEX VERRUCIFERA, ANABASIS SALSA, NANOPHYTUM
 ERINACEUM, SALICORNIA HERBACEA, PETROSIMONIA CRASSIFOLIA, HALOCNEMUM STROBILACEUM, HALOCHARIS HISPIDA; CYPERACEAE:
 CAREX STENOPHYLLA; GRAMINEAE: POA BULBOSA; COMPOSITAE: ARTEMISIA PAUCIFLORA. FIELD, SOIL SODIUM, CHLORIDE,
 SULFATE SALT TOLERANCE

1091. KELLERMAN, K. F. THE EFFECTS OF SALTS OF BORON UPON THE DISTRIBUTION OF DESERT VEGETATION. J. WASH. ACAD. SCI. 10:
481-486. 1920.
1092. KELLEY, W. P.; BROWN, S. M. BORON IN SOILS AND IRRIGATION WATERS OF SOUTHERN CALIFORNIA AND ITS RELATION TO CITRUS AND
WALNUT CULTURE. HILGARDIA 3: 445-458. 1928. CITRUS; WALNUT RUTACEAE; CITRUS; JUGLANDACEAE: JUGLANS. SOIL,
FIELD BORON LEAF INJURY, TOXICITY
1093. KELLEY, W. P.; THOMAS, E. E. THE EFFECT OF ALKALI ON CITRUS TREES. CALIF. AGRIC. EXPT. STA BULL. 318: 303-340.
1920. CITRUS RUTACEAE; CITRUS. SOIL, FIELD ALKALI, ALKALINE SOIL LEAF INJURY
1094. KESSLER, B.; ENGELBERG, N.; CHEN, D.; GREENSPAN, H. STUDIES ON PHYSIOLOGICAL AND BIOCHEMICAL PROBLEMS OF STRESS IN
HIGHER PLANTS. VOLCANI INST. AGRIC. RES. SPEC. BULL. 64: 27-36. 1964. WHEAT; CITRUS RUTACEAE; CITRUS;
GRAMINEAE: TRITICUM AESTIVUM. POT. SAND SODIUM, CHLORIDE, SUCROSE PROTEIN, AMINO ACID, LEUCINE
1095. KESSLER, B.; SNIR, I. SALT EFFECTS ON NUCLEIC ACIDS AND PROTEIN METABOLISM IN CITRUS SEEDLINGS. PROC. 1ST INT.
CITRUS SYMP. 1: 381-386. 1969. LIME; TANGERINE RUTACEAE; CITRUS LIMETIODES, CITRUS RETICULATA. TEST TUBE
SODIUM, CHLORIDE RIBONUCLEIC ACID, DESOXYRIBONUCLEIC ACID, PROTEIN METABOLISM, ENZYME ACTIVITY, NUCLEIC ACID
1096. KHALIL, M. A.; AMER, F.; ELGABALY, M. M. A SALINITY-FERTILITY INTERACTION STUDY ON CORN AND COTTON. SOIL SCI. SOC.
AMER. PROC. 31: 683-686. 1967. CORN; COTTON GRAMINEAE: ZEA MAYS; MALVACEAE: GOSYPIUM BARBADENSE. POT. SOIL
FERTILITY, NITROGEN, PHOSPHORUS, POTASSIUM, CALCIUM, SODIUM VEGETATIVE GROWTH
1097. KHALIL, M. M.; LEBEDEV, S. I. EFFECT OF SALTING OF PIGMENT SYSTEM AND PRODUCTIVITY OF MAIZE, (RUS; ENG SUM). FIZIOL.
BIOKHM. KULT. RAST. 4: 127-131. 1972. CORN GRAMINEAE: ZEA MAYS. SODIUM, CHLORIDE, CARBONATE CHLOROPHYLL
"A", CHLOROPHYLL "B", CAROTENOIDS, PIGMENT, ENZYME
1098. KHAN, A. A.; AWAN, A. H. SALINITY TOLERANCE CHARACTER OF DHIMCHA (SESBANIA ACULEATA). WEST PAK. J. AGRIC. RES. 5:
135-136. 1967. DHAINCHA LEGUMINOSAE: SESBANIA ACULEATA. FIELD, SOIL SALINE SOIL, SODIUM, CARBONATE,
CHLORIDE, SULFATE, CALCIUM, BICARBONATE VEGETATIVE GROWTH
1099. KHAN, A. H.; HASHMI, N. I.; RYAN, G. S. SALT TOLERANCE OF SOME PAKISTANI WHEAT VARIETIES. NUCLEUS 7: 42-46. 1970.
WHEAT GRAMINEAE: TRITICUM AESTIVUM. SAND, GERMINATION DISHES VARIETY, SODIUM, CHLORIDE GERMINATION
1100. KHAN, H. A.; BANFIELD, W. M. COMPARATIVE RESPONSE OF SUGAR MAPLES IN EXPOSURES TO DROUGHT AND SALT. PHYTOPATH. 59:
400. 1969. MAPLE, SUGAR ACERACEAE: ACER SACCHARUM. POT. SOIL WATER STRESS, SODIUM, CHLORIDE VEGETATIVE
GROWTH
1101. KHAN, M. I.; KHAN, M. A.; KHIZAR, T. PLANT GROWTH REGULATORS FROM SPECIES DIFFERING IN SALT TOLERANCE AS AFFECTED BY
SOIL SALINITY. PLANT SOIL 45: 267-271. 1976. CORN; SEA BLITE GRAMINEAE: ZEA MAYS; CHENOPODIACEAE: SUAEDA
FRUTICOSA. SOIL, POT. GROWTH CHAMBER SODIUM, CHLORIDE VEGETATIVE GROWTH, GROWTH REGULATORS
1102. KHAN, M. I.; PATEL, Z. PHYSIOLOGICAL EFFECTS OF NaCl ON WHEAT. 1. PROTEIN AND AMINO-ACID METABOLISM IN GERMINATING
SEEDS. PAK. J. BIOCHEM. 4: 25-28. 1971. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SAND, GERMINATION DISHES
SODIUM, CHLORIDE PROTEIN, AMINO ACID
1103. KHAN, S. S.; SHEIKH, K. H. EFFECTS OF DIFFERENT LEVELS OF SALINITY ON SEED GERMINATION AND GROWTH OF CAPSICUM ANNUUM
L. BIOLOGIA 22: 15-25. 1976. PEPPER, LONG SOLANACEAE: CAPSICUM FRUTESCENS VAR LONGUM. POT. SOIL,
GERMINATION DISHES SODIUM, CHLORIDE GERMINATION, VEGETATIVE GROWTH, SEEDLING GROWTH, ROOT GROWTH

1104. KHERADNAM, M.; GHORASHY, S. R. SALT TOLERANCE OF CHICKPEA VARIETIES DURING GERMINATION. AGRON. J. 65: 329. 1973. PEA, CHICK LEGUMINOSAE: CICER ARIETINUM. GERMINATION DISHES, GERMINATOR SODIUM, CHLORIDE, VARIETY GERMINATION, OSMOTIC POTENTIAL
1105. KHUDAIRI, A. K. BORON TOXICITY AND PLANT GROWTH. IN SALINITY PROBLEMS IN THE ARID ZONE. PROC. TEHRAN SYMP. UNESCO 14: 175-179. 1961. COTTON: SESAME; BEAN, MUNG; OKRA; WHEAT; BARLEY MALVACEAE: GOSSYPIMUM HIRSUTUM, HIBISCUS ESCULENTUS; PEDALIACEAE: SESAMUM INDICUM; GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE; LEGUMINOSAE: PHASEOLUS AUREUS. SOIL, POT, SAND, GERMINATION DISHES, WATER CULTURE BORON, TEMPERATURE, LIGHT VEGETATIVE GROWTH, GERMINATION, TOXICITY
1106. KHUDAIRI, A. K. STUDIES ON THE GERMINATION OF DATE-PALM SEEDS. THE EFFECT OF SODIUM CHLORIDE. PHYSIOL. PLANT. 11: 16-22. 1958. DATE PALM PALMACEAE: PHOENIX DACTYLIFERA. GERMINATION DISHES SODIUM, CHLORIDE, SUGAR, TEMPERATURE GERMINATION
1107. KIANG, Y. T. RESPONSE OF ROADSIDE GRASSES TO DE-ICING SALT. CAN. J. PLANT SCI. 54: 575-577. 1974. REDTOP; FESCUE, HAIR; VERNAL GRASS, SWEET; FESCUE, RED GRAMINEAE: AGROSTIS ALBA, FESTUCA CAPILLATA, ANTHOXANTHUM ODERATUM, FESTUCA RUBRA. POT, GREENHOUSE DEICING SALT GERMINATION, VEGETATIVE GROWTH, CHLORIDE UPTAKE
1108. KIDMAN, G. I. SALT IN ORCHARDS OF THE KYABRAM DISTRICT. VICTORIAN HORT. DIG. 14: 15-20. 1971. PEAR ROSACEAE: PYRUS COMMUNIS. FIELD, SOIL WATER TABLE, SALINE SOIL VEGETATIVE GROWTH, ROOT GROWTH
1109. KIM, C. M. EFFECT OF SALINE AND ALKALINE SALTS ON THE GROWTH AND INTERNAL COMPONENTS OF SELECTED VEGETABLE PLANTS. PHYSIOL. PLANT. 11: 441-450. 1958. RADISH; CABBAGE; LETTUCE CRUCIFERAE: BRASSICA OLEACEA VAR CAPITATA, RAPHANUS SATIVUS; COMPOSITAE: LACTUCA SATIVA. POT, SOIL SODIUM, CHLORIDE, CARBONATE VEGETATIVE GROWTH, CHLOROPHYLL, CAROTENE
1110. KINGSBURY, R. W.; RADLOW, A.; MUDIE, P. J.; RUTHERFORD, J.; RADLOW, R. SALT STRESS RESPONSES IN LASTHENIA GLABRATA. A WINTER ANNUAL COMPOSITE ENDEMIC TO SALINE SOILS. CAN. J. BOT. 54: 1377-1385. 1976. NATIVE VEGETATION COMPOSITAE: LASTHENIA GLABRATA. SAND, GERMINATION DISHES, POT SEA WATER GERMINATION, SEEDLING GROWTH, FLOWERING, VEGETATIVE GROWTH, CHLORIDE UPTAKE
1111. KIRIENKO, T. N. THE INFLUENCE OF SOIL SALINITY ON VINE GROWTH AND DEVELOPMENT. (RUS). VINODELIC I. VINOGRADARSTVO 23: 27-30. 1963. GRAPE VITACEAE: VITIS. FIELD PLOT, SOIL MAGNESIUM, SULFATE, SODIUM, CHLORIDE, VARIETY FRUIT YIELD, CLUSTER NUMBER, VEGETATIVE GROWTH, ROOT GROWTH
1112. KIRKHAM, M. B.; GARDNER, W. R.; GERLOFF, G. C. INTERNAL WATER STATUS OF KINETIN TREATED, SALT-STRESSED PLANTS. PLANT PHYSIOL. 53: 241-243. 1974. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE, POT, GROWTH CHAMBER SODIUM, CHLORIDE, KINETIN WATER POTENTIAL, OSMOTIC POTENTIAL, STOMATAL RESISTANCE
1113. KIRKHAM, M. B.; GARDNER, W. R.; GERLOFF, G. C. LEAF WATER POTENTIAL OF DIFFERENTIALLY SALINIZED PLANTS. PLANT PHYSIOL. 44: 1378-1382. 1969. BEAN; BARLEY LEGUMINOSAE: PHASEOLUS VULGARIS; GRAMINEAE: HORDEUM VULGARE. GROWTH CHAMBER, WATER CULTURE, POT SODIUM, CHLORIDE, OSMOTIC STRESS OSMOTIC POTENTIAL, WATER POTENTIAL
1114. KIRKHAM, M. B.; GARDNER, W. R.; GERLOFF, G. C. STOMATAL CONDUCTANCE OF DIFFERENTIALLY SALINIZED PLANTS. PLANT PHYSIOL. 49: 345-347. 1972. BEAN; BARLEY LEGUMINOSAE: PHASEOLUS VULGARIS; GRAMINEAE: HORDEUM VULGARE. GROWTH CHAMBER WATER CULTURE SODIUM, CHLORIDE STOMATAL RESISTANCE, OSMOTIC POTENTIAL, WATER POTENTIAL
1115. KIRYUSHIN, V. I.; LUZIN, A. T. A SCALE OF SALT TOLERANCE OF CROPS FOR DRY STEPPE OF NORTHEIN KAZAKHSTAN. (RUS). KORMOPROIZVODSTVO NA SEVERE KAZAKHSTANA; TSELINOGRAD. USSR: REFERATIVNYI ZHURNAL (1975) 7:55,285: 139-151. 1974. WHEATGRASS, SLENDER; BARLEY; WHEAT; MILLET, BROOMCORN; OATS; MILLET, FOXTAIL; MUSTARD GRAMINEAE: AGROPYRON FRACHYCAULUM, HORDEUM, TRITICUM, PANICUM MILIACEUM, AVENA SATIVA, SETARIA ITALICA; CRUCIFERAE: BRASSICA JUNCEA. SOIL, FIELD SALINE SOIL SALT TOLERANCE

1116. KISTANOV, N. S. RESPONSE OF RICE TO SOIL SALINITY. SOVIET SOIL SCI. 5: 476-480. 1963. RICE GRAMINEAE: ORYZA SATIVA. SOIL. FIELD PLOT SALINE SOIL VEGETATIVE GROWTH
1117. KLEINKOPF, G. E.; WALLACE, A. PHYSIOLOGICAL BASIS FOR SALT TOLERANCE IN TAMARIX RAMOSISSIMA. PLANT SCI. LETT. 3: 157-163. 1974. HALOPHYTE: TAMARISK TAMARICACEAE: TAMARIX RAMOSISSIMA. WATER CULTURE SODIUM, CHLORIDE MINERAL COMPOSITION. PHOTOSYNTHESIS. RESPIRATION. TRANSPIRATION
1118. KLEINKOPF, G. E.; WALLACE, A.; CHA, J. W. SODIUM RELATIONS IN DESERT PLANTS. PART 4. SOME PHYSIOLOGICAL RESPONSES OF ATRIPLEX CONFERTIFOLIA TO DIFFERENT LEVELS OF SODIUM CHLORIDE. SOIL SCI. 120: 45-48. 1975. SALT BUSH CHENOPODIACEAE: ATRIPLEX CONFERTIFOLIA. GREENHOUSE. SOIL. POT SODIUM, CHLORIDE TRANSPIRATION. PHOTOSYNTHESIS. WATER CONTENT. VEGETATIVE GROWTH. ION UPTAKE
1119. KLEINKOPF, G. E.; WALLACE, A.; HARTSOCK, T. L. GALENIA PUBESCENS - SALT-TOLERANT, DROUGHT-TOLERANT POTENTIAL SOURCE OF LEAF PROTEIN. PLANT SCI. LETTERS 7: 313-320. 1976. AIZOACEAE: GALENIA PUBESCENS. GREENHOUSE. WATER CULTURE. POT SODIUM, CHLORIDE. AMMONIUM, NITRATE VEGETATIVE GROWTH. MINERAL COMPOSITION. PHOTOSYNTHESIS. TRANSPIRATION. ORGANIC NITROGEN. NITRATE REDUCTASE. PROTEIN
1120. KLING, E. G. PHYSIOLOGY OF PLANTS IN SALINE SOILS. (RUS). MOSCOW GLAV. BOT. SAD. B. 18: 59-73. 1954. TOMATO: ALFALFA: COTTON SOLANACEAE: LYCOPERSICON ESCULENTUM: LEGUMINOSAE: MEDICAGO SATIVA: MALVACEAE: GOSSYPIMUM. GERMINATION DISHES. POT. SOIL SODIUM, CHLORIDE LEAF INJURY. PHOTOSYNTHESIS. VEGETATIVE GROWTH
1121. KLOKE, A.; SCHONHARD, G.; SCHIRZADI, G. SALZSCHADEN AN PELARGONIEN. SALT INJURY IN PELARGONIUMS. (GER). ENTO. ET PHYTOPATH. APPLIQUES NO. 38: 9-12. 1975. GERANIUM GERANIACEAE: PELARGONIUM. POT. SOIL SODIUM, CALCIUM, CHLORIDE LEAF INJURY
1122. KLYSHEV, L. K.; RAKOVA, N. M. EFFECT OF SALINATION ON THE PROTEIN CONTENT IN ROOTS OF PEA SEEDLINGS. (RUS). TRUDY INSTITUTA BOTANIKI AN KAZ SSR 20: 156-165. 1964. PEA LEGUMINOSAE: PISUM SATIVUM. SAND. WATER CULTURE SODIUM, CHLORIDE. SULFATE. CARBONATE NITROGEN UPTAKE. PROTEIN. SEEDLING GROWTH. ROOT GROWTH
1123. KOBAYASHI, T. STUDIES ON SALT RESISTANCE OF CULTIVATED PLANTS. (JAP: ENG SUM). PROC. CROP. SCI. SOC. JAPAN 22: 36-38. 1954. WHEAT: RICE: BEAN: SOYBEAN: BEAN, BROAD GRAMINEAE: TRITICUM AESTIVUM. ORYZA SATIVA: LEGUMINOSAE: PHASEOLUS VULGARIS. GLYCINE MAX. VICIA FABA. SODIUM, CHLORIDE. SALINE SOIL SALT TOLERANCE
1124. KOCH, A. J. OM SALTSKADE PA LIND (TILIA VULGARIS). ON SALT DAMAGE OF THE LINDEN (TILIA VULGARIS). (DAN: ENG SUM). DANSK. SKOVFOREN. TIDSSKR 52: 145-151. 1967. LINDEN TILIACEAE: TILIA VULGARIS. FIELD. SOIL DEICING SALT. SODIUM, CHLORIDE LEAF INJURY. CHLORIDE UPTAKE
1125. KOFRANEK, A. M.; KOHL, H. C.; LUNT, O. R. EFFECTS OF EXCESS SALINITY AND BORON ON GERANIUMS. PROC. AMER. SOC. HORT. SCI. 71: 516-521. 1958. GERANIUM GERANIACEAE: PELARGONIUM HORTORUM. SAND. POT VARIETY. SODIUM, CHLORIDE. POTASSIUM, MAGNESIUM, CALCIUM SALT TOLERANCE. VEGETATIVE GROWTH. ION UPTAKE
1126. KOFRANEK, A. M.; LUNT, O. R.; HART, S. A. TOLERANCE OF CHRYSANTHEMUM MORIFOLIUM VARIETY KRAMER TO SALINE CONDITIONS. PROC. AMER. SOC. HORT. SCI. 61: 528-532. 1953. CHRYSANTHEMUM COMPOSITAE: CHRYSANTHEMUM MORIFOLIUM. POT. SOIL SODIUM, CHLORIDE. SULFATE. AMMONIA. POTASSIUM, CALCIUM, MAGNESIUM VEGETATIVE GROWTH. CROP QUALITY
1127. KOFRANEK, A. M.; LUNT, O. R.; KOHL, H. C. TOLERANCE OF GLADIOLI TO SALINITY AND BORON. AMER. SOC. HORT. SCI. PROC. 69: 556-560. 1957. GLADIOLUS IRIDACEAE: GLADIOLUS. POT. SAND CALCIUM, CHLORIDE, SODIUM, BORON VEGETATIVE GROWTH. MINERAL COMPOSITION
1128. KOFRANEK, A. M.; LUNT, O. R.; KOHL, H. C. TOLERANCE OF POINSETTIAS TO SALINE CONDITIONS AND HIGH BORON CONCENTRATIONS. AMER. SOC. HORT. SCI. PROC. 68: 551-555. 1956. POINSETTIA EUPHORBIACEAE: EUPHORBIA PULCHERRIMA. POT. SAND BORON, CALCIUM, CHLORIDE, SODIUM VEGETATIVE GROWTH. LEAF INJURY

1129. KOHL, H. C.; KOFRANEK, A. M.; LUNT, O. R. EFFECTS OF VARIOUS IONS AND TOTAL SALT CONCENTRATIONS ON SAINTPAULIA. AMER. SOC. HORT. SCI. PROC. 68: 545-550. 1956. VIOLET, AFRICAN GESNERIACEAE: SAINTPAULIA IONANTHA. SAND, POT LIGHT, TEMPERATURE, SODIUM, CHLORIDE, SULFATE, CALCIUM, AMMONIUM VEGETATIVE GROWTH, MINERAL COMPOSITION
1130. KOHL, H. C.; KOFRANEK, A. M.; LUNT, O. R. RESPONSE OF CHINA ASTERS TO HIGH SALT AND BORON CONCENTRATIONS. AMER. SOC. HORT. SCI. PROC. 70: 437-441. 1957. ASTER, CHINA COMPOSITAE: CALLISTEPHUS CHINENSIS. POT, SAND BORON, CALCIUM, CHLORIDE, SODIUM LEAF INJURY, VEGETATIVE GROWTH
1131. KOHL, H. C.; OERTLI, J. J. DISTRIBUTION OF BORON IN LEAVES. PLANT PHYSIOL. 36: 420-424. 1961. LILY, EASTER LILIACEAE: LILIUM LONGIFLORUM. BORON SALT TOLERANCE
1132. KOHLER, A. GEBOTANISCHE UNTERSUCHUNGEN AN KUSTENDUNEN CHILES ZWISCHEN 27 UND 42 GRAD. SUDL. BREITE. GEBOTANICAL STUDIES ON THE DUNES OF THE CHILEAN COAST BETWEEN 27 AND 42 DEGREES LATITUDE. (GER; ENG SUM). BOT. JAHRB. SYST. PFLANZENGESCH PFLANZENGEGR 90: 55-200. 1970. COMPOSITAE: AMBROSIA CHAMISSONIS, BACCHARIS CONCAVA; NOLANACEAE: NOLANA PARADOXA; AIZOACEAE: CARPOBROTUS CHILENSIS. FIELD, SAND SEA WATER SALT TOLERANCE, ECOLOGY
1133. KOMIZERKO, E. I. EFFECT OF SODIUM CHLORIDE AND SODIUM SULPHATE ON GROWTH OF TISSUES OF PLANTS DIFFERENT ECOLOGICAL GROUPS IN TISSUE CULTURES. SOVIET PLANT PHYSIOL. 16: 528-531. 1969. CABBAGE; CLOVER, SWEET; SORGHUM; GLASSWORT; TOBACCO CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA; LEGUMINOSAE: MELILOTUS; SOLANACEAE: NICOTIANA TABACUM; GRAMINEAE: SORGHUM VULGARE; CHENOPODIACEAE: SALICORNIA. SODIUM, CHLORIDE, SULFATE, OSMOTIC PRESSURE SALT TOLERANCE, OSMOTIC POTENTIAL
1134. KORKOR, S. A.; ABDEL-AAL, R. M. EFFECT OF TOTAL SALINITY AND TYPE OF SALTS ON RICE CROP. AGRIC. RES. REV. (CAIRO) 52: 73-78. 1974. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE, POT SODIUM, CHLORIDE, CALCIUM, SULFATE, OSMOTIC PRESSURE VEGETATIVE GROWTH, MINERAL COMPOSITION
1135. KORKOR, S.; TAYEL, M. Y.; ANTER, F. THE EFFECT OF SALINITY ON COTTON YIELD AND QUALITY. EGYPT. J. SOIL SCI. 14: 137-148. 1974. COTTON MALVACEAE: GOSSYPIMUM. FIELD, SOIL SALINE SOIL, CHLORIDE, SULFATE, SODIUM ADSORPTION RATIO CROP QUALITY
1136. KOSTER, P. ZUR SALZVERTRAGLICHKEIT UND WASSERVERSORGUNG DER RHODODENDRON UND IMMERGRÜNEN LAUBGEHÖLZE. THE SALT TOLERANCE AND WATER STATUS OF RHODODENDRON AND EVERGREEN TREES. (GER). BREMEN, RHODODENDRON-GESELL. JAHRB. 1960: 27-36. 1960. RHODODENDRON: ROSEBAY, MOUNTAIN; MAHONIA ERICACEAE: RHODODENDRON CATAWBIENSE, RHODODENDRON MAKINOI, SAXIFRAGACEAE: RODGERSIA PINNATA; BERBERIDACEAE: MAHONIA BEALEI. FIELD, SOIL WATER QUALITY SALT TOLERANCE
1137. KOTHEIMER, C.; NIBLETT, C.; RICH, A. E. SALT INJURY TO ROADSIDE TREES. II. A PROGRESS REPORT. FOREST NOTES (SPRING ISSUE) 85: 3-4. 1965. PINE, WHITE; MAPLE, RED; MAPLE, SUGAR PINACEAE: PINUS STROBUS; ACERACEAE: ACER RUBRUM, ACER SACCHARUM. GREENHOUSE DEICING SALT VEGETATIVE GROWTH
1138. KOVALSKAYA, E. M. CHANGE IN SALT RESISTANCE OF PLANTS DURING ONTOGENESIS. (RUS; ENG SUM). FIZIOL. RASTENII 5: 437-446. 1958. TOMATO; COTTON SOLANACEAE: LYCOPERSICON ESCULENTUM; MALVACEAE: GOSSYPIMUM HIRSUTUM. POT, SOIL SODIUM, CHLORIDE, GROWTH STAGE VEGETATIVE GROWTH, FRUIT YIELD
1139. KOVDA, V. A. THE EFFECT OF SALT ON AGRICULTURAL GROWTH. (RUS). ORIGIN AND CHARACTER OF SALINE SOILS. II EDITION. AKAD. SCI. USSR: 216-254. 1947. ALFALFA; COTTON; WHEAT; CLOVER LEGUMINOSAE: MEDICAGO SATIVA, TRIFOLIUM; GRAMINEAE: TRITICUM AESTIVUM; MALVACEAE: GOSSYPIMUM. SALINE SOIL, SODIUM, CHLORIDE GERMINATION, TRANSPIRATION, MINERAL COMPOSITION, PHOTOSYNTHESIS, VEGETATIVE GROWTH, ANATOMICAL RESPONSE
1140. KOVDA, V. A.; MANAEVA, L. Y. SOIL TOXICITY LIMITS OF THE PAKHTA-ARAL STATE FARM (GOLODNAYA STEPPE) FOR LUCERNE AND COTTON GROWING. (RUS). PEDOLOGY 4: 80-98. 1939. COTTON; ALFALFA LEGUMINOSAE: MEDICAGO SATIVA; MALVACEAE: GOSSYPIMUM. SOIL, FIELD PLOT SALINE SOIL TOXICITY, VEGETATIVE GROWTH, GERMINATION

1141. KOVERGA, E. L. EFFECT OF CHLORINE ON THE PHYSIOLOGY OF LEMON PLANTS. (RUS). TRUDY GOSUDARSTVENNOGO NIKITSKOGO BOTANICHESKOGO SADA 29: 363-385. 1959. LEMON. RUTACEAE: CITRUS LIMON. POT, SOIL. POTASSIUM, CHLORIDE. PHOTOSYNTHESIS, RESPIRATION, CHLORIDE UPTAKE.
1142. KRAEVOI, S. IA. ON ADAPTIVE MODIFICATIONS IN ROOT SYSTEMS OF ARBOREOUS PLANTS GROWING ON SOLONETZ SOILS. (RUS). AKAD. NAUK. SSSR DOK. 122: 1115-1118. 1958. OAK: ACACIA, WHITE; ELM: TAMARISK; ASH, GREEN; CURRANT-TREE, GOLDEN FAGACEAE: QUERCUS; LEGUMINOSAE: ACACIA; ULMACEAE: ULMUS; TAMARICACEAE: TAMARIX GRACILIS; OLEACEAE: FRAXINUS; SAXIFRAGACEAE: RIBES. FIELD, SOIL. SALINE SOIL. SULFATE, CHLORIDE, MAGNESIUM, CALCIUM. VEGETATIVE GROWTH, ROOT GROWTH.
1143. KRAPPENBAUER, A. STRASSENVEGETATION UND AUFTAUMITTEL. ROADSIDE VEGETATION AND ROAD SALTING. (GER; ENG SUM). CBL. GES. FORSTWESEN 93: 23-39. 1976. TREE. DEICING SALT, SODIUM, CHLORIDE, CALCIUM.
1144. KRAVCHUK, V. N. SELECTION OF PLANTS FOR PASTURES AND HAY MEADOWS IRRIGATED BY SEA AND SALINE GROUNDWATER. (RUS; ENG SUM). PROBLEMY OSVOENIIA PUSTYN' 6: 46-52. 1975. GRASS. SOIL. SEA WATER, SALINE WATER. VEGETATIVE GROWTH.
1145. KREB, K. DIE BODENVERSALZUNG ALS STORENDER FAKTOR BEI FELDVERSUCHEN UND IHRE BEDEUTUNG FÜR KEIMUNG, WACHSTUM UND ERTRAG. SOIL SALTING AS A DISTURBING FACTOR IN FIELD EXPERIMENTS, AND ITS SIGNIFICANCE FOR GERMINATION, GROWTH AND YIELD. (GER; ENG SUM). SONDERABDRUCK AUS DEN BERICHTEN DER DEUTSCHEN BOTANISCHEN GESELLSCHAFT 72: 123-137. 1959. BARLEY; WHEAT; CORN; CLOVER, BERSEEM. GRAMINEAE: HORDEUM VULGARE, TRITICUM AESTIVUM, ZEA MAYS; LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. SOIL, FIELD PLOT. SALINE SOIL. GERMINATION, VEGETATIVE GROWTH.
1146. KREB, K. DIE ÖKOLOGISCHE BEDEUTUNG DER BODENVERSALZUNG. THE ECOLOGICAL IMPORTANCE OF SALINE SOIL. (GER; ENG SUM). SONDERDRUCK AUS ANGEWANDTE BOTANIK 39: 1-15. 1965. WHEAT; BEAN; BEET, SUGAR; BARLEY; GLASSWORT; CAROB; OLIVE. OLEACEAE: OLEA EUROPAEA; CHENOPODIACEAE: SALICORNIA HERBACEA, SUAEDA, SALICORNIA FRUTICOSA, BETA VULGARIS; LEGUMINOSAE: CERATONIA SILIQUA, PHASEOLUS VULGARIS; GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE. SODIUM, CHLORIDE. GERMINATION, VEGETATIVE GROWTH, PHOTOSYNTHESIS, RESPIRATION, MORPHOLOGY, ANATOMICAL RESPONSE, PHYSIOLOGICAL REACTIONS.
1147. KREB, K. PFLANZEN AN SALZSTANDORTEN. PLANTS ON SALINE HABITATS. (GER; ENG SUM). NATURWISSENSCHAFTEN 61: 337-343. 1974. NATIVE VEGETATION. SALINE SOIL. MORPHOLOGY, VEGETATIVE GROWTH, PHOTOSYNTHESIS, RESPIRATION, SALT TOLERANCE.
1148. KREB, K. SALT DAMAGE TO CULTIVATED PLANTS. Z. PFLANZENKRANKHEITEN PFLANZENSCHUTZ 67: 385-399. 1960.
1149. KRISHNAMURTHY, C.; SHASTRY, S. V. S.; FREEMAN, W. H. BREEDING RICE FOR TOLERANCE TO DROUGHT AND SALINITY. ORYZA 8: 47-54. 1973. RICE. GRAMINEAE: ORYZA SATIVA.
1150. KRONE, P. R.; WEINARD, F. F. EXPERIMENTS WITH SOLUTIONS OF CHLORINE AND SODIUM CHLORIDE ON POT PLANTS. AMER. SOC. HORT. SCI. PROC. 27: 444-448. 1930. ZINNIA; VERBENA; PHLOX; PETUNIA; PENSTEMON; GAILLARDIA; CELOSIA. COMPOSITAE: ZINNIA, GAILLARDIA; VERBENACEAE: VERBENA; POLEMONIACEAE: PHLOX; SOLANACEAE: PETUNIA; SCROPHULARIACEAE: PENSTEMON; AMARANTHACEAE: CELOSIA. POT, SOIL, MANURE. CHLORINE, SODIUM, CHLORIDE, SULFATE. LEAF INJURY, ROOT GROWTH, VEGETATIVE GROWTH.
1151. KRUPENIKOV, I. A. ECOLOGICAL AND BIOCHEMICAL CHARACTERS OF BETULA KIRGHIZORUM SAW.-RYCZG. RESULTING FROM THE PLANT'S ADAPTATION TO SOILS IMPREGNATED WITH SALTS. ACAD. SCI. URSS, COMPL. REND. 47: 64-66. 1945. BIRCH. CORYLACEAE: BETULA KIRGHISORUM. SOIL, FIELD. SALINE SOIL. MINERAL COMPOSITION, SALT TOLERANCE, OSMOTIC PRESSURE.
1152. KRUPENIKOV, I. A. THE GROWTH OF PINES (PINUS SILVESTRIS L.) ON SOILS CONTAINING SALT. DOKL. AKAD. NAUK. SSSR 41: 255-258. 1943. PINE, SCOTS; TREE. PINACEAE: PINUS SYLVESTRIS.
1153. KRUPENIKOV, I. A. ON THE SALT RESISTANCE OF CLEMATIS ORIENTALIS L. UNDER NATURAL CONDITIONS. ACAD. SCI. URSS, COMPL. REND. 53: 271-272. 1946. CLEMATIS. RANUNCULACEAE: CLEMATIS ORIENTALIS. FIELD, SOIL. CHLORIDE, SULFATE.

CARBONATE. CALCIUM SALT TOLERANCE

1154. KRUPENIKOV, I. A. SALT RESISTANCE OF ASPEN UNDER NATURAL CONDITIONS. ACAD. SCI. URSS. COMPT. REND. 49: 377-380. 1945. ASPEN. EUROPEAN SALICACEAE: POPULUS TREMULA. FIELD. SOIL CHLORIDE, SULFATE, CALCIUM, CARBONATE MINERAL COMPOSITION. LEAF INJURY
1155. KUDAIBERGENOV, T. O. THE RESULTS OF A GENETIC STUDY OF SALT RESISTANT COTTON. (RUS). IZV. AKAD. NAUK. KAZ. SSR SER. BIOL. NAUK. 6: 23-25. 1972. COTTON MALVACEAE: GOSSYPIMUM. FIELD VARIETY. SALINE SOIL GENETIC INTERACTION, MORPHOLOGY
1156. KUDELA, V.; ZELNY, F. POSKOZENI RIZKOVANCU VOJTESKY NADBYTKEM BORU. THE DAMAGE OF LUCERNE CUTTINGS BY AN EXCESS OF BORON. (CZE; ENG SUM). SB. UVTI. OCHR. ROSTL. 9: 265-270. 1973. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. POT. SAND. COMPOST. GREENHOUSE BORON BORON UPTAKE. LEAF INJURY. TOXICITY
1157. KUDO, I.; SUZUKI, T. MEASUREMENT OF SEA SALT PARTICLES IN AN OAK STAND ON COASTAL DUNES. ANN. REPT. HOKKAIDO BRANCH GOV. FOR EXPT. STA. 46: 65-66. 1971-1972. OAK FAGACEAE: QUERCUS DENTATA. SALT SPRAY
1158. KUIPER, P. J.; EL-SAIDI, M. T. EFFECT OF GIBBERELIC ACID AND POLYETHYLENE GLYCOL ON UPTAKE AND TRANSPORT OF CHLORIDE-36 IN BEAN PLANTS. MEDED. LANDBOUWHOGESCH. WAGENINGEN NO. 73 74: 1-6. 1973. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE. GROWTH CHAMBER GIBBERELIC ACID, SODIUM, CHLORIDE, OSMOTIC PRESSURE MINERAL COMPOSITION. CHLORIDE UPTAKE
1159. KULIEVA, F. B.; SHAMINA, Z. B.; STROGONOV, B. P. EFFECT OF HIGH CONCENTRATIONS OF SODIUM CHLORIDE ON MULTIPLICATION OF CELLS OF CREPIS CAPILLARIS IN VITRO. SOVIET PLANT PHYSIOL. 22: 107-110. 1975. COMPOSITAE: CREPIS CAPILLARIS. TEST TUBE SODIUM, CHLORIDE VEGETATIVE GROWTH. MITOTIC ACTIVITY. GENETIC INTERACTION
1160. KULKARNI, D. G. USE OF BRACKISH WATER FOR IRRIGATION AND ITS EFFECTS ON SOILS AND CROPS. SALINITY PROB. ARID ZONES PROC. TEHERAN SYMP. ARID ZONE RES. 14: 267-271. 1961. SUGARCANE; DHAINCHA; BARBADA GRAMINEAE: SACCHARUM OFFICINARUM; LEGUMINOSAE: SESBANIA ACULEATA, INDIGOFEA TRIFOLIATA. FIELD. SOIL SALINE SOIL. VARIETY GERMINATION. VEGETATIVE GROWTH
1161. KULKARNI, D. S.; SARANMATH, P. A.; SHANTHAPPA, P. B. PRELIMINARY STUDIES ON QUALITY OF UNDERGROUND WATER ON GROWTH AND YIELD OF COCONUT (COCOS NUCIFERA). MYSORE J. AGRIC. SCI. 7:122-124. 1973. COCONUT PALMACEAE: COCOS NUCIFERA. FIELD. SOIL GROUNDWATER QUALITY. SALINE WATER VEGETATIVE GROWTH
1162. KURIAN, T. EFFECT OF SUPPLEMENTAL IRRIGATION WITH SEA WATER ON GROWTH AND CHEMICAL COMPOSITION OF PEARL MILLET (Pennisetum typhoides S. ET H.). Z. PFLANZENPHYSIOL. 79: 377-383. 1976. MILLET. PEARL GRAMINEAE: PENNISETUM TYPHOIDES. SAND. POT SEA WATER VEGETATIVE GROWTH. MINERAL COMPOSITION
1163. KURIAN, T.; IYENGAR, E. R. R. EFFECT OF SEA WATER DILUTIONS ON GERMINATION AND EARLY SEEDLING GROWTH OF SESAMUM VARIETIES (SESAMUM INDICUM L.). PROC. SEMINAR ON SEA, SALT AND PLANTS. 66-72. 1967. SESAME PEDALIACEAE: SESAMUM INDICUM. GERMINATION DISHES SEA WATER. VARIETY GERMINATION. SEEDLING GROWTH. ROOT GROWTH
1164. KURIAN, T.; IYENGAR, E. R. R. EVALUATION OF SEA WATER TOLERANCE OF CROP PLANTS. 1. EFFECT OF SEA WATER DILUTIONS ON THE PROCESS OF GERMINATION AND SEEDLING GROWTH OF SOME CROP VARIETIES. INDIAN J. AGRIC. RES. 5: 145-150. 1971. SAFFLOWER; SESAME; MILLET. PEARL; RICE; WHEAT; BEAN. MUNG LEGUMINOSAE PHASEOLUS AUREUS; PEDALIACEAE: SESAMUM; COMPOSITAE: CARTHAMUS TINCTORIUS; GRAMINEAE: ORYZA SATIVA, TRITICUM AESTIVUM, PENNISETUM TYPHOIDES. GERMINATION DISHES SEA WATER GERMINATION. SEEDLING GROWTH
1165. KURIAN, T.; IYENGAR, E. R. R. RESPONSE OF SAFFLOWER CARTHAMUS TINCTORIUS TO SALINITY OF SEA WATER. INDIAN J. AGRIC. SCI. 42: 717-721. 1972. SAFFLOWER COMPOSITAE: CARTHAMUS TINCTORIUS. POT. SAND BRACKISH WATER GRAIN YIELD. SODIUM UPTAKE. MINERAL COMPOSITION. SEED YIELD. VEGETATIVE GROWTH

1166. KURIAN, T.; IYENGAR, E. R. R.; NARAYANA, M. R.; DATAR, D. S. EFFECT OF SEA WATER DILUTIONS AND ITS AMENDMENTS ON THE GROWTH OF TOBACCO. IN SALINITY AND ARIDITY: NEW APPROACHES TO OLD PROBLEMS. H. BOYKO (ED.) W. JUNK PUBLISHERS, THE HAGUE: 323-330. 1966. TOBACCO SOLANACEAE: NICOTIANA. POT. SOIL SEA WATER VEGETATIVE GROWTH. CHLOROPHYLL "A", CHLOROPHYLL "B", NICOTINE
1167. KURIAN, T.; PHILIP, V. K. SEA WATER TOLERANCE OF RAGI DURING GERMINATION AND EARLY SEEDLING GROWTH. AGRIC. AGRO-IND. J. 5: 9-12. 1972. MILLET, AFRICAN GRAMINEAE: ELEUSINE CORACANA. GERMINATION DISHES, WATER CULTURE VARIETY, SEED PRETREATMENT, SEA WATER SEEDLING GROWTH, GERMINATION
1168. KUSTOVA, A. KH. SOME DATA ON THE EFFECTS OF TRACE ELEMENTS IN INCREASING THE SALT TOLERANCE OF COTTON. IZV. AKAD. NAUK. TURKM. SSR SER. BIOL. NAUK. 6: 3-8. 1964. COTTON MALVACEAE: GOSYPIUM. GERMINATION DISHES, SOIL SODIUM, CHLORIDE, IODIDE, BORON, ALUMINUM GERMINATION, CHLORIDE UPTAKE, VEGETATIVE GROWTH
1169. KYLIN, A.; QUATRANO, R. S. METABOLIC AND BIOCHEMICAL ASPECTS OF SALT TOLERANCE. IN PLANTS IN SALINE ENVIRONMENTS. ECOLOGICAL STUDIES 15. A. POLJAKOFF-MAYBER AND J. GALE (EDS.), SPRINGER-VERLAG, N.Y.: 147-167. 1975. ENZYME ACTIVITY, HISTOLOGY, CYTOLOGY
1170. LA HAYE, P. A.; EPSTEIN, E. CALCIUM AND SALT TOLERATION BY BEAN PLANTS. PHYSIOL. PLANT. 25: 213-218. 1971. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE, GREENHOUSE, POT SODIUM, CHLORIDE, CALCIUM, SULFATE SODIUM UPTAKE
1171. LA HAYE, P. A.; EPSTEIN, E. SALT TOLERATION BY PLANTS: ENHANCEMENT WITH CALCIUM. SCIENCE 166: 395-396. 1969. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE SODIUM, CHLORIDE, CALCIUM, SULFATE MINERAL COMPOSITION, VEGETATIVE GROWTH
1172. LACASSE, N. L. EFFECT OF DE-ICING CHEMICALS ON WOODY PLANTS. OHIO STATE UNIV. SHORT COURSE ROADSIDE DEVELOP. 28TH: 118-119. 1969. TREE DEICING SALT
1173. LACASSE, N. L. NEW EVIDENCE ON SALT INJURY TO MAPLES. ARBORISTS NEWS: 59-62. 1967. MAPLE, SUGAR ACERACEAE: ACER SACCHARUM.
1174. LACASSE, N. L.; RICH, A. E. MAPLE DECLINE IN NEW HAMPSHIRE. PHYTOPATH. 54: 1071-1075. 1964. MAPLE ACERACEAE: ACER; CORYLACEAE: BETULA Papyrifera; MAGNOLIACEAE: LIRIODENDRON tulipifera; OLEACEAE: FRAXINUS americana. FIELD, SOIL, GREENHOUSE, VERMICULITE VARIETY, SODIUM, CHLORIDE SALT TOLERANCE, SODIUM UPTAKE, VEGETATIVE GROWTH
1175. LADELL, W. R. S. SOIL SALINITY AND SUGAR CANE. JAMAICAN ASSOC. SUG. TECH. QUART. 5: 2. 1942. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM.
1176. LAGERWERFF, J. V. COMPARABLE EFFECTS OF ABSORBED AND DISSOLVED CATIONS ON PLANT GROWTH. SOIL SCI. 96: 63-69. 1958. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. WATER CULTURE, CATION-EXCHANGE RESIN SODIUM, CALCIUM, CHLORIDE, SODIUM ADSORPTION RATIO VEGETATIVE GROWTH, SODIUM UPTAKE, CALCIUM UPTAKE, POTASSIUM UPTAKE
1177. LAGERWERFF, J. V. OSMOTIC GROWTH INHIBITION AND ELECTROMETRIC SALT-TOLERANCE EVALUATION OF PLANTS. PLANT SOIL 31: 77-96. 1969. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE, WATER CULTURE POTASSIUM, CHLORIDE, SODIUM, CALCIUM, MAGNESIUM OSMOTIC POTENTIAL
1178. LAGERWERFF, J. V.; EAGLE, H. E. OSMOTIC AND SPECIFIC EFFECTS OF EXCESS SALTS ON BEANS. PLANT PHYSIOL. 36: 472-477. 1961. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. WATER CULTURE, GREENHOUSE SODIUM, CALCIUM, MAGNESIUM, CHLORIDE VEGETATIVE GROWTH, TRANSPIRATION, OSMOTIC PRESSURE, MINERAL COMPOSITION
1179. LAGERWERFF, J. V.; EAGLE, H. E. TRANSPIRATION RELATED TO ION UPTAKE BY BEANS FROM SALINE SUBSTRATES. SOIL SCI. 93: 420-430. 1962. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. WATER CULTURE, GREENHOUSE SODIUM, CALCIUM, MAGNESIUM, CHLORIDE TRANSPIRATION, OSMOTIC PRESSURE, ROOT GROWTH, MINERAL COMPOSITION



1180. LAGERWERFF, J. V.; HOLLAND, J. P. GROWTH AND MINERAL CONTENT OF CARROTS AND BEANS AS RELATED TO VARYING OSMOTIC AND IONIC-COMPOSITION EFFECTS IN SALINE-SODIC SAND CULTURES. AGRON. J. 52: 603-608. 1960. CARROT: BEAN UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE. SAND. POT SODIUM. CALCIUM. MAGNESIUM. CHLORIDE. SODIUM ADSORPTION RATIO VEGETATIVE GROWTH. MINERAL COMPOSITION
1181. LAGERWERFF, J. V.; OGATA, G. PLANT GROWTH AS A FUNCTION OF INTERACTING ACTIVITIES OF WATER AND IONS UNDER SALINE CONDITIONS. 7TH INTERN. CONG. SOIL SCI. III: 475-480. 1960. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. WATER CULTURE SODIUM. CALCIUM. MAGNESIUM. CHLORIDE. CARBOWAX. SODIUM ADSORPTION RATIO VEGETATIVE GROWTH
1182. LAKSHMI-KUMARI, M.; SINGH, C. S.; SUBBA-RAO, N. S. ROOT HAIR INFECTION AND NODULATION IN LUCERNE (MEDICAGO SATIVA L.) AS INFLUENCED BY SALINITY AND ALKALINITY. PLANT SOIL 40: 261-268. 1974. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. GROWTH CHAMBER. TEST TUBE. WATER CULTURE CHLORIDE. CARBONATE. BICARBONATE. SODIUM NODULATION. ROOT GROWTH
1183. LAL, K. N.; RAO, M. S. S. DEFICIENCY AND TOXICITY EFFECTS OF BORON ON THE PHYSIOLOGY OF BARLEY. CUR. SCI. 24: 345-346. 1955. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE BORON LEAF INJURY. ASSIMILATION. RESPIRATION. CHLOROPHYLL. CAROTENE. XANTHOPHYLL. PIGMENT
1184. LAL, K. N.; TYAGI, R. S. DEFICIENCY, FAVOURABLE, AND TOXIC EFFECTS OF BORON ON TOBACCO. AMER. J. BOT. 36: 676-680. 1949. TOBACCO SOLANACEAE: NICOTIANA TABACUM. WATER CULTURE. POT. SAND. SOIL BORON TOXICITY. VEGETATIVE GROWTH. LEAF INJURY
1185. LALL, S. B.; SAKHARE, R. S. SALT TOLERANCE IN JOWAR. BOTANIQUE 1: 23-28. 1970. SORGHUM GRAMINEAE: SORGHUM VULGARE. WATER CULTURE. POT VARIETY. SODIUM. CHLORIDE. CARBONATE GERMINATION. SEEDLING GROWTH
1186. LAMOUROUX, M.; WILLAIME, P.; DAVET, P. SOLUTIONS SALINES DU SOL EN CULTURES. SALINE SOLUTIONS OF SOILS IN CULTURES. (FRE). ECONOMIE RURAL (MINISTERE DE L'AGRICULTURE OFFICE FRUITIER LIBANAIS) BEIRUT. 25: 30-38. 1967. STRAWBERRY: BEAN: MUSKMELON: SQUASH: LETTUCE: EGGPLANT: ARTICHOKE: CABBAGE: CARROT: TURNIP: PEPPER: TOMATO: POTATO: CORN: ASPARAGUS: ONION: RADISH: LEEK: BEET: ALFALFA: WHEAT: CLOVER. SWETT: BARLEY: ORANGE. OLIVE: LEMON: APRICOT: ALMOND: FIG: POMEGRANATE ROSACEAE: FRAGARIA. PRUNUS ARMENIACA. PRUNUS AMYGDALUS: CUCURBITACEAE: CUCUMIS MELO. CUCURBITA: UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA: LILIACEAE: ASPARAGUS OFFICINALIS: AMARYLLIDACEAE: ALLIUM CEPA. ALLIUM PORRUM: OLEACEAE: OLEA: RUTACEAE: CITRUS SINENSIS. CITRUS LIMON: LEGUMINOSAE: PHASEOLUS VULGARIS. MEDICAGO SATIVA MELILOtus ALBA: PUNICACEAE: PUNICA GRANATUM: COMPOSITAE: LACTUCA SATIVA. CYNARA SCOLYMUS: MORACEAE: FICUS: GRAMINEAE: ZEA MAYS. TRITICUM AESTIVUM. HORDEUM VULGARE: CHENOPODIACEAE BETA VULGARIS: CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA. BRASSICA RAPA. RAPHANUS SATIVUS. BRASSICA: SOLANACEAE: CAPSICUM FRUTESCENS. LYCOPERSICON ESCULENTUM. SOLANUM TUBEROSUM. SOLANUM MELONGENA. SOIL SALINE WATER SALT TOLERANCE. MINERAL COMPOSITION
1187. LANG, S. B., JR. DEPTH EFFECTS AND GENETIC INFLUENCES ON INJURY CAUSED BY ARTIFICIAL SEA WATER FLOODS TO LOBLOLLY AND SLASH PINE SEEDLINGS. CAN. J. FOR. RES. 4: 179-185. 1974. PINE. LOBLOLLY: PINE. SLASH PINACEAE: PINUS CARIBAEA. PINUS TAEDA. GROWTH CHAMBER. GREENHOUSE SODIUM. CHLORIDE. SEA WATER OSMOTIC POTENTIAL. CHLORIDE UPTAKE. SODIUM UPTAKE. VEGETATIVE GROWTH
1188. LANGDALE, G. W.; THOMAS, J. R. SOIL SALINITY EFFECTS ON ABSORPTION OF NITROGEN. PHOSPHORUS. AND PROTEIN SYNTHESIS BY COASTAL BERMUDAGRASS. AGRON. J. 63: 708-711. 1971. BERMUDA GRASS GRAMINEAE: CYNODON DACTYLON. GREENHOUSE. SOIL. POT SODIUM. CHLORIDE. FERTILIZER. NITROGEN SALT TOLERANCE. PROTEIN SYNTHESIS. NITROGEN UPTAKE. PHOSPHORUS UPTAKE
1189. LANGDALE, G. W.; THOMAS, J. R.; LITTLETON, T. G. INFLUENCE OF SOIL SALINITY AND NITROGEN FERTILIZER ON SPINACH GROWTH. J. RIO GRANDE VAL. HORT. SOC. 25: 61-66. 1971. SPINACH CHENOPODIACEAE: SPINACIA OLERACEA. GREENHOUSE. SOIL. POT FERTILIZER. NITROGEN. SODIUM. CHLORIDE VEGETATIVE GROWTH
1190. LANGDALE, G. W.; THOMAS, J. R.; LITTLETON, T. G. NITROGEN METABOLISM OF STAR GRASS AS AFFECTED BY NITROGEN AND SOIL SALINITY. AGRON. J. 65: 468-470. 1973. STAR GRASS GRAMINEAE: CYNODON PLECTOSTACHYUS. POT. SOIL NITROGEN. FERTILIZER. SODIUM. CHLORIDE SALT TOLERANCE. PROTEIN-N. NONPROTEIN-N



1191. LANGILLE, A. R. ONE SEASON'S SALT ACCUMULATION IN SOIL AND TREES ADJACENT TO A HIGHWAY. HORTSCIENCE 11: 575-576. 1976. HEMLOCK PINACEAE: TSUGA CANADENSIS. FIELD. SOIL DEICING SALT. SODIUM. CHLORIDE SODIUM UPTAKE. CHLORIDE UPTAKE
1192. LANGILLE, W. M.; MAHONEY, J. F. NOTE ON BORON TOXICITY IN OATS. CAN. J. PLANT SCI. 39: 401. 1959. OATS GRAMINEAE: AVENA SATIVA. FIELD. SOIL BORON TOXICITY. LEAF INJURY
1193. LAPINA, L. P. DEXTRAN AS AN OSMOTIC AGENT DURING STUDIES OF SALT RESISTANCE IN PLANTS. SOVIET PLANT PHYSIOL. 15: 157-161. 1968. BEAN. BROAD LEGUMINOSAE: VICIA FABA. GREENHOUSE. WATER CULTURE SODIUM. CHLORIDE. DEXTRAN. OSMOTIC PRESSURE SALT TOLERANCE. OSMOTIC POTENTIAL
1194. LAPINA, L. P. EFFECT AND AFTER EFFECT OF HIGH ISOOSMOTIC CONCENTRATIONS OF NaCl AND DEXTRAN ON HORSEBEAN PLANTS. SOVIET PLANT PHYSIOL. 14: 271-277. 1967. BEAN. BROAD LEGUMINOSAE: VICIA FABA. GREENHOUSE. WATER CULTURE. POT SODIUM. CHLORIDE. DEXTRAN. OSMOTIC PRESSURE NITROGEN UPTAKE. VEGETATIVE GROWTH. METABOLISM
1195. LAPINA, L. P. INFLUENCE OF HIGH ISOOSMOTIC CONCENTRATIONS OF DEXTRAN AND SODIUM CHLORIDE ON THE NITROGEN AND CARBON METABOLISM OF CORN. SOVIET PLANT PHYSIOL. 13: 904-913. 1966. CORN GRAMINEAE: ZEA MAYS. WATER CULTURE. GREENHOUSE SODIUM. CHLORIDE. OSMOTIC PRESSURE. DEXTRAN VEGETATIVE GROWTH. NITROGEN UPTAKE. METABOLISM
1196. LAPINA, L. P.; BIKMUKHAMETOVA, S. A. EFFECT OF ISOOSMOTIC CONCENTRATIONS OF NaCl AND Na₂SO₄ ON RATE OF PHOTOSYNTHESIS AND PHOTOCHEMICAL ACTIVITY OF CORN CHLOROPLASTS. SOVIET PLANT PHYSIOL. 16: 532-535. 1969. CORN GRAMINEAE: ZEA MAYS. WATER CULTURE. GROWTH CHAMBER CHLORIDE. SULFATE. SODIUM PHOTOSYNTHESIS. PHOTOCHEMICAL ACTIVITY
1197. LAPINA, L. P.; BIKMUKHAMETOVA, S. A. EFFECT OF ISOOSMOTIC CONCENTRATIONS OF SODIUM SULFATE AND CHLORIDE ON PHOTOSYNTHESIS AND RESPIRATION OF MAIZE LEAVES. SOVIET PLANT PHYSIOL. 19: 670-675. 1972. CORN GRAMINEAE: ZEA MAYS. SOIL. GREENHOUSE SODIUM. SULFATE. CHLORIDE. CARBONATE. BICARBONATE PHOTOSYNTHESIS. RESPIRATION. VEGETATIVE GROWTH
1198. LAPINA, L. P.; BIKMUKHAMETOVA, S. A.; MURASHOV, I. N. EFFECT OF SODIUM SULFATE AND SODIUM CHLORIDE ON THE ACTIVITY OF PHOTOSYNTHETIC PHOSPHORYLATION IN PLANTS WITH DIFFERENT SALT RESISTANCE. SOVIET PLANT PHYSIOL. 23: 236-241. 1976. BEAN: CORN: SUNFLOWER: GLASSWORT LEGUMINOSAE: PHASEOLUS VULGARIS; GRAMINEAE: ZEA MAYS; COMPOSITAE: HELIANTHUS ANNUUS; CHENOPODIACEAE: SALICORNIA EUROPAEA. SOIL. WATER CULTURE SODIUM. SULFATE. CHLORIDE PHOTOSYNTHETIC PHOSPHORYLATION. PHOTOSYNTHESIS. MINERAL COMPOSITION. CHLOROPHYLL
1199. LAPINA, L. P.; POPOV, B. A. EFFECT OF SODIUM CHLORIDE ON THE PHOTOSYNTHETIC APPARATUS OF TOMATOES. SOVIET PLANT PHYSIOL. 17: 477-481. 1970. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. SOIL. GREENHOUSE SODIUM. CHLORIDE PHOTOSYNTHESIS. PROTEIN. RESPIRATION
1200. LAPINA, L. P.; POPOV, B. A.; STROGONOV, E. P. EFFECT OF ISOOSMOTIC CONCENTRATIONS OF NaCl, Na₂SO₄, AND DEXTRAN ON THE STRUCTURE OF CHLOROPLASTS. SOVIET PLANT PHYSIOL. 15: 890-894. 1968. CORN GRAMINEAE: ZEA MAYS. WATER CULTURE. GREENHOUSE SODIUM. CHLORIDE. SULFATE. DEXTRAN OSMOTIC POTENTIAL. CHLOROPLAST
1201. LARSON, C. A. ADAPTABILITY OF STRAWBERRY CLOVER TO SALINE SOILS. WASH. AGRIC. EXPT. STA. BULL. 353: 15 PP. 1938. CLOVER. STRAWBERRY LEGUMINOSAE: TRIFOLIUM FRAGIFERUM. FIELD. SOIL SALINE SOIL MINERAL COMPOSITION. VEGETATIVE GROWTH
1202. LARSON, H. W. E. THE RELATION OF THE CONCENTRATION OF CALCIUM ION REQUIRED BY ALFALFA TO THE AMOUNT PRESENT IN SOIL SOLUTION. SOIL SCI. 25: 399. 1928. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. WATER CULTURE. GREENHOUSE. SOIL. POT CALCIUM. SULFATE VEGETATIVE GROWTH
1203. LARSON, M. M.; SCHUBERT, G. H. EFFECT OF OSMOTIC WATER STRESS ON GERMINATION AND INITIAL DEVELOPMENT OF PONDEROSA PINE SEEDLINGS. FOREST SCI. 15: 30-36. 1969. PINE. PONDEROSA PINACEAE: PINUS PONDEROSA. POT. TEST TUBE. VERMICULITE SEED PRETREATMENT. POLYETHYLENE GLYCOL. OSMOTIC PRESSURE SEEDLING GROWTH. OSMOTIC POTENTIAL.



GERMINATION, ROOT GROWTH

1204. LASHIN, M. H.; ATANASIU, N. STUDIES ON THE EFFECT OF SALT CONCENTRATIONS ON THE FORMATION OF DRY MATTER UPTAKE OF MINERAL NUTRIENTS AND MINERAL COMPOSITION OF COTTON PLANTS DURING THE VEGETATIVE GROWTH PERIOD. Z. ACKER-PFLANZENBAU 135: 178-186. 1972. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. POT. SAND SODIUM, CHLORIDE, CALCIUM VEGETATIVE GROWTH. MINERAL UPTAKE
1205. LATIMER, L. P. RESPONSE OF HOWARD 17 STRAWBERRY TO SODIUM SALTS. PROC. AMER. SOC. HORT. SCI. 36: 449-454. 1938. STRAWBERRY ROSACEAE: FRAGARIA. SOIL. FIELD PLOT SODIUM, NITRATE, CALCIUM, SULFATE, PHOSPHATE, AMMONIUM VEGETATIVE GROWTH
1206. LATZKO, E. BEZIEHUNGEN ZWISCHEN CL UND SO₄ ERNAHRUNG, ASSIMILIATIONSINTENSITÄT, ENZYMAKTIVITÄT, KOHLEHYDRATSTOFFWECHSEL UND QUALITÄT BEI KARTOFFELN. RELATIONSHIP BETWEEN CL AND SO₄ FERTILIZATION, ASSIMILATION INTENSITY, ENZYME ACTIVITY, CARBOHYDRATE METABOLISM, AND POTATO QUALITY. (GER). ZEITS. PFLANZENERNÄHR. DÜNGUNG, BODENK. 68: 49-55. 1955. POTATO SOLANACEAE: SOLANUM TUBEROSUM. FIELD, SOIL POTASSIUM, CHLORIDE, SULFATE, NITROGEN, FERTILIZER VEGETATIVE GROWTH. CARBOHYDRATE, SUGAR, SACCHARASE, AMYLASE, GLUCOSE OXIDASE, TUBER YIELD, ENZYME
1207. LATZKO, E. EINFLUSS VON CL UND SO₄ ERNAHRUNG AUF DIE ENZYMTÄTIGKEIT VON KULTURPFLANZEN. INFLUENCE OF CL AND SO₄ FERTILIZATION ON THE ENZYME ACTIVITY OF CROPS. (GER). ZEITS. PFLANZENERNÄHR. DÜNGUNG, BODENK. 66: 148-155. 1954. BEAN; SPINACH; BEET, SUGAR; BARLEY; POTATO CHENOPODIACEAE: BETA VULGARIS, SPINACIA OLERACEA; LEGUMINOSAE: PHASEOLUS VULGARIS; GRAMINEAE: HORDEUM VULGARE; SOLANACEAE: SOLANUM TUBEROSUM. FIELD, SOIL, SAND POTASSIUM, CHLORIDE, SULFATE, NITROGEN, FERTILIZER AMYLASE, GLUCOSE OXIDASE
1208. LAURA, R. D.; IDNANI, M. A. COMPARATIVE AMELIORATIVE EFFECTS OF CCC AND SOME ORGANIC AMENDMENTS ON WHEAT YIELD IN SALINE AND ALKALI SOILS. AGROCHIMICA 17: 290-297. 1973. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL, SAWDUST, GREEN MANURE SODIUM, CALCIUM, CHLORIDE, EXCHANGEABLE SODIUM PERCENTAGE VEGETATIVE GROWTH, GRAIN YIELD, STRAW YIELD
1209. LAURA, R. D.; IDNANI, M. A. EFFECT OF ADDITION OF FARM COMPOST ON THE SALT TOLERANCE OF WHEAT (TRITICUM AESTIVUM) TOWARDS DIFFERENT ALKALI SALTS AND THEIR CONCENTRATIONS. AGROCHIMICA 15: 336-343. 1971. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL COMPOST, SODIUM, CARBONATE, BICARBONATE, CHLORIDE, SULFATE VEGETATIVE GROWTH, STRAW YIELD, GRAIN YIELD
1210. LAVADO, R. S. GERMINACION DE ALFALFA EN SUELOS SALINOS. GERMINATION OF ALFALFA IN SALINE SOILS. (SPA; ENG SUM). AGROQUIMICA 18: 437-445. 1974. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. GERMINATION DISHES, SOIL, GREENHOUSE, FIELD SODIUM, CHLORIDE GERMINATION
1211. LAVADO, R. S. INTERACCION ENTRE LA SALINIDAD DE UN SUELO Y LA PRODUCCION DE ALFALFA. INTERACTION BETWEEN SOIL SALINITY AND ALFALFA PRODUCTION (SPA; ENG SUM). REVISTA DE INVEST. AGRO. INTA. CLIMA Y SUELO 10: 173-176. 1973. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. SOIL SALINE SOIL VEGETATIVE GROWTH
1212. LAVADO, R. S. NOTA SOBRE LA TOLERANCIA DE LA SOJA A LA SALINIDAD. NOTE ON THE SALT TOLERANCE OF SOYBEANS. (SPA; ENG SUM). REVISTA DE INVEST. AGRO. INTA. CLIMA Y SUELO 10: 177-179. 1973. SOYBEAN LEGUMINOSAE: GLYCINE MAX. GREENHOUSE, SOIL SALINE SOIL SALT TOLERANCE, VEGETATIVE GROWTH
1213. LAVADO, R. S. TOLERANCIA DE LA ALFALFA (MEDICAGO SATIVA) A LA SALINIDAD. TOLERANCE OF ALFALFA (MEDICAGO SATIVA) TO SALINITY. (SPA; ENG SUM). REV. INV. AGROPEC., INTA. SER. 2, BIOL. Y PROD. VEG. 9: 39-47. 1972. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. SOIL SALINE SOIL SALT TOLERANCE, VEGETATIVE GROWTH, PROTEIN, CELLULOSE
1214. LAVADO, R. S. TOLERANCIA DEL TREBOL DE OLOR AMARILLO (MELILOTUS OFFICINALIS VAR. MADRID) A LA SALINIDAD. TOLERANCE OF YELLOW SWEETCLOVER (MELILOTUS OFFICINALIS VAR. MADRID) TO SALINITY. (SPA; ENG SUM). REV. INV. AGROPEC., INTA. SER. 2, BIOL. Y PROD. VEG. 9: 65-69. 1972. CLOVER, YELLOW SWEET LEGUMINOSAE: MELILOTUS OFFICINALIS. SOIL, FIELD PLOT SALINE SOIL SALT TOLERANCE, LEAF INJURY



1215. LAVRINENKO, D. D.; VOLKOV, F. I. FIRST RESULTS OF TESTING SALT RESISTANCE OF FOREST TREES IN THE LITTORAL ZONE OF THE SEA OF AZOV. (RUS). LESOVOD AGROLESOMELIOR 34: 106-110. 1973. APRICOT; AMORPHA; ACACIA; ELM, CHERRY; PEAR; HONEYSUCKLE; WILLOW, WEeping; MAPLE; CURRANT; PINE; TAMARISK; POPLAR; MULBERRY; ELDER; TREE; SHRUB ROSACEAE; PRUNUS, PYRUS; LEGUMINOSAE; AMORPHA, ACACIA; SALICACEAE; SALIX, POPULUS; ACERACEAE; ACER; CAPRIFOLIACEAE; LONICERA, SAMBUCUS; ULMACEAE; ULMUS; SAXIFRAGACEAE; RIBES; PINACEAE; PINUS; TAMARICACEAE; TAMARIX; MORACEAE; MORUS. FIELD, SOIL SALINE SOIL SALT TOLERANCE, ECOLOGY
1216. LAVRINENKO, D. D.; VOLKOV, F. I. SALT RESISTANCE OF TREES AND SHRUBS ON THE AZOV SEA COAST. (RUS). LESN. KHOZ. 9: 33-36. 1973. APRICOT; AMORPHA; ELM, CHERRY; PEAR; HONEYSUCKLE; ACACIA; WILLOW, WEeping; MAPLE; CURRANT; PINE; TAMARISK; POPLAR; MULBERRY; ELDER; TREE; SHRUB ROSACEAE; PRUNUS, PYRUS; LEGUMINOSAE; AMORPHA, ACACIA; SALICACEAE; SALIX, POPULUS; ACERACEAE; ACER; CAPRIFOLIACEAE; LONICERA, SAMBUCUS; ULMACEAE; ULMUS; SAXIFRAGACEAE; RIBES; PINACEAE; PINUS; TAMARICACEAE; TAMARIX; MORACEAE; MORUS. SOIL SALINE SOIL VEGETATIVE GROWTH, SALT TOLERANCE
1217. LAVRYSCHEVA, R. S. THE EFFECT OF WATER SALT REGIMEN OF SOIL ON THE GROWTH OF QUERCUS ROBUR. (UKR). VISN. SIL'S'KOHOSPOD. NAUK. 5: 73-76. 1970. OAK, ENGLISH FAGACEAE; QUERCUS ROBUR. FIELD, SOIL BICARBONATE, CARBONATE, SULFATE, CALCIUM, MAGNESIUM, SODIUM VEGETATIVE GROWTH, TOXICITY
1218. LAWLOR, D. W.; MILFORD, G. F. J. THE EFFECT OF SODIUM ON GROWTH OF WATER STRESSED SUGAR-BEET. ANN. BOT. 37: 597-604. 1973. BEET, SUGAR CHENOPODIACEAE; BETA VULGARIS. WATER CULTURE, POT SODIUM, WATER STRESS, POLYETHYLENE GLYCOL VEGETATIVE GROWTH, OSMOTIC POTENTIAL, VEGETATIVE GROWTH, SODIUM UPTAKE
1219. LEE, H. K.; PARK, H. C.; LEE, D. K. EFFECTS OF THE IRRIGATION WITH THE FRESH-SEA WATER ON THE GROWTH AND ITS YIELDS IN RICE. RES. REP. OFF. RURAL DEV. 16: 117-125. 1974. RICE GRAMINEAE; ORYZA SATIVA. FIELD, SOIL SEA WATER, VARIETY, SODIUM, CHLORIDE VEGETATIVE GROWTH
1220. LEH, H. O. DIE GEFABRDUNG DER STRASSENBAUME DURCH AUFTSAUSALZ. THE DANGER TO STREET TREES OF SALT USED FOR THAWING ICE. (GER). DEUTSCHE BAUMSCHULE 27: 250-253. 1975. MAPLE, SILVER; MAPLE, SYCAMORE; MAPLE, NORWAY; BUCKEYE, OHIO; CHESTNUT, HORSE; CHESTNUT, RED HORSE; BIRCH; HORNBEAM, EUROPEAN; HAZELNUT, TURKISH; BEECH, EUROPEAN; OAK, ENGLISH; ELM, SCOTCH; ELM, SMOOTH-LEAF; ELM, SIBERIAN; WALNUT, BLACK; POPLAR, BALSAM; HAWTHORN, ENGLISH; CHERRY, SWEET; CHERRY, JAPANESE FLOWERING; ASH, EUROPEAN MOUNTAIN; LINDEN, BASSWOOD; AWH, EUROPEAN; PLANE TREE, LONDON; PAGODA TREE, JAPANESE; TREE-OF-HEAVEN; LOCUST, HONEY; LOCUST, BLACK ACERACEAE; ACER SACCHARINUM, ACER PSEUDOPLATANUS, ACER PLATANOIDES; HIPPOCASTANACEAE; AESCULUS GLABRA, AESCULUS HIPPOCASTANUM, AESCULUS CARNEA; CORYLACEAE; BETULA VERRUCOSA, CARPINUS BETULUS, CORYLUS COLURNA; FAGACEAE; FAGUS SYLVATICA, QUERCUS ROBUR, QUERCUS PEDUNCULATA; ULMACEAE; ULMUS GLABRA, ULMUS CARPINIFOLIA, ULMUS PUMILA; JUGLANDACEAE; JUGLANS NIGRA; SALICACEAE; POPULUS BALSAMIFERA, POPULUS SIMONII; ROSACEAE; CRATAEGUS OXYACANTHA, PRUNUS AVIUM, PRUNUS SERRULATA, SORBUS AUCUPARIA, SORBUS NIGRA; TILIACEAE; TILIA; OLEACEAE; FRAXINUS EXCELSIOR; PLATANACEAE; PLATANUS ACERIFOLIA; LEGUMINOSAE; SOPHORA JAPONICA, GLEDITSIA TRIACANTHOS, ROBINIA PSEUDOACACIA; SIMAROUACEAE; AILANTHUS ALTISSIMA. FIELD DEICING SALT, SODIUM, CHLORIDE CHLORIDE UPTAKE, SODIUM UPTAKE
1221. LEH, H. O. SCHADEN AN STRASSENBAUMEN DURCH AUFTSAUSALZE. DAMAGE TO ROADSIDE TREES BY SALT FROM MELTED SNOW. (GER). GESUNDE PFLANZEN 23: 217-220. 1971. CHESTNUT, HORSE HIPPOCASTANACEAE; AESCULUS. FIELD, SOIL SODIUM, CHLORIDE, DEICING SALT LEAF INJURY
1222. LEH, H. O. UNTERSUCHUNGEN UBER DIE AUSWIRKUNGEN DER ANWENDUNG VON NATRIUMCHLORID ALS AUFTSAUMITTEL AUF DIE STRASSENBAUM IN BERLIN. INVESTIGATIONS OF THE EFFECTS OF SODIUM CHLORIDE AS A DE-ICING AGENT ON THE TREES LINING THE STREETS OF BERLIN. (GER; ENG SUM). NACHRICHTENBL. DTSCH. PFLANZEN SCHUTZDIENSTES (BRAUNSCHW) 25: 163-170. 1973. BUCKEYE, OHIO; LINDEN, CRIMEAN; BIRCH, EUROPEAN WHITE; LOCUST, HONEY; OAK, ENGLISH; OAK, SPANISH; LOCUST, BLACK; PAGODA TREE, JAPANESE; ELM, SIBERIAN; ELM, DWARF; MAPLE, SILVER; MAPLE, WHITE; ASH, EUROPEAN; PLANE TREE; POPLAR; ASPEN; BEAM, WHITE; ASH, EUROPEAN MOUNTAIN; MAPLE, SYCAMORE; MAPLE, NORWAY; CHESTNUT, HORSE; CHESTNUT, RED HORSE; HORNBEAM, EUROPEAN; HAZELNUT, TURKISH; HAWTHORN, ENGLISH; BEECH, EUROPEAN; CHERRY, SWEET; CHERRY, JAPANESE FLOWERING; LINDEN, SMALL-LEAVED EUROPEAN; LINDEN, EUROPEAN, ELM, SMOOTH-LEAF; ELM, SCOTCH; LINDEN, WHITE; LINDEN, SILVER LEGUMINOSAE; GLEDITSIA TRIACANTHOS, ROBINIA PSEUDOACACIA, SOPHORA JAPONICA; OLEACEAE; FRAXINUS EXCELSIOR; SALICACEAE; POPULUS BEROLINENSIS, POPULUS SIMONII; ROSACEAE; SORBUS ARIA, SORBUS AUCUPARIA, SORBUS INTERMEDIA.

- CRATAEGUS OXYACANTHA, PRUNUS AVIUM, PRUNUS SERRULATA; TILIACEAE: TILIA EUCHLORA, TILIA INTERMEDIA, TILIA CORDATA, TILIA EUROPAEA, TILIA TOMENTOSA; ACERACEAE: ACER PSEUDOPLATANUS, ACER PLATANOIDES, ACER SACCHARINUM; FAGACEAE: FAGUS SYLVATICA, QUERCUS ROBUR, QUERCUS PEDUNCULATA, QUERCUS RUBRA; ULMACEAE: ULMUS PUMILA, ULMUS CARPINIFOLIA, ULMUS GLABRA; CORYLACEAE: CARPINUS BETULUS, CORYLUS COLURNA, BETULA PENULA, BETULA VERRUCOSA; HIPPOCASTANACEAE: AESCULUS GLABRA, AESCULUS HIPPOCASTANUM, AESCULUS CARNEA; PLATANACEAE: PLATANUS ACERIFOLIA. SOIL, FIELD DEICING SALT, SODIUM, CHLORIDE SODIUM UPTAKE, CHLORIDE UPTAKE, MINERAL COMPOSITION
1223. LEHMAN, W. F.; RICARDO, S. J.; ERWIN, D. C.; MARSH, A. W. EFFECT OF IRRIGATION TREATMENTS ON ALFALFA (MEDICAGO SATIVA L.) PRODUCTION, PERSISTANCE AND SOIL SALINITY IN SOUTHERN CALIFORNIA. HILGARDIA 39: 277-295, 1968. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. SOIL, FIELD PLOT IRRIGATION METHOD, SALINE SOIL VEGETATIVE GROWTH
1224. LEHR, J. J. EXPLORATORY POT EXPERIMENTS ON SENSITIVENESS OF DIFFERENT CROPS TO SODIUM: A. SPINACH. PLANT SOIL 2: 37-48, 1949. SPINACH CHENOPODIACEAE: SPINACIA OLERACEA POT, SAND, SOIL SODIUM, POTASSIUM, NITROGEN, CALCIUM, NITRATE MINERAL COMPOSITION
1225. LEHR, J. J. EXPLORATORY POT EXPERIMENTS ON SENSITIVENESS OF DIFFERENT CROPS TO SODIUM: B. OATS. PLANT SOIL 4: 289-297, 1953. OATS GRAMINEAE: AVENA SATIVA. POT, SAND, SOIL SODIUM, CALCIUM, NITRATE, POTASSIUM VEGETATIVE GROWTH
1226. LEHR, J. J.; WYBENGA, J. M. EXPLORATORY POT EXPERIMENTS ON SENSITIVENESS OF DIFFERENT CROPS TO SODIUM: C. FLAX. PLANT SOIL 6: 251-261, 1955. FLAX LINACEAE: LINUM USITATISSIMUM. POT, SAND SODIUM, NITROGEN, CALCIUM, NITRATE, POTASSIUM LEAF INJURY, CROP QUALITY
1227. LEHR, J. J.; WYBENGA, J. M. EXPLORATORY POT EXPERIMENTS ON SENSITIVENESS OF DIFFERENT CROPS TO SODIUM: D. BARLEY. PLANT SOIL 9: 237-253, 1958. BARLEY GRAMINEAE: HORDEUM VULGARE. POT, SAND, SOIL SODIUM, CALCIUM, NITRATE, POTASSIUM MINERAL COMPOSITION
1228. LECHARD, O. A.; ANDERSON, W. S.; GIEGER, M. EFFECT OF NUTRIENT LEVEL ON THE GROWTH AND CHEMICAL COMPOSITION OF SWEET POTATOES IN SAND CULTURES. PLANT PHYSIOL. 23: 223-237, 1948. POTATO, SWEET CONVULVULACEAE: IPOMOEA BATATAS. SAND, POT SODIUM, NITRATE, PHOSPHATE, CALCIUM, CHLORIDE, MAGNESIUM, SULFATE, POTASSIUM, BORON NITROGEN UPTAKE, PHOSPHORUS UPTAKE, CALCIUM UPTAKE, POTASSIUM UPTAKE, VEGETATIVE GROWTH
1229. LESAGE, P. COMPARAISON DU CHLORURE DE SODIUM, DU CHLORURE DE POTASSIUM ET DE LA SYLVINITE RICHE DANS LEUR ACTION SUR LES PLANTES CULTIVEES. COMPARISON OF THE EFFECTS OF SODIUM CHLORIDE, POTASSIUM CHLORIDE, AND RICH SYLVINITE ON CROP PLANTS. (FRE). ANNALES DE LA SOCIETE AGRONOMIQUE (PARIS), EDITIONS BERGER-LEVRAULT 42: 172-190, 1925. CRESS, GARDEN; PEA; HYACINTH CRUCIFERAE: LEPIDIUM SATIVUM; LEGUMINOSAE: PISUM SATIVUM; LILIACEAE: HYACINTHUS. POT, WATER CULTURE, SOIL SODIUM, POTASSIUM, MAGNESIUM, CALCIUM, CHLORIDE, SULFATE, SYLVINITE VEGETATIVE GROWTH, ROOT GROWTH
1230. LESKO, G. L.; WALKER, R. B. EFFECT OF SEA WATER ON SEED GERMINATION IN 2 PACIFIC ATOLL BEACH SPECIES. ECOLOGY 50: 730-734, 1969. BORAGINACEAE: MESSERSCHMIDIA ARGENTEA; GOODENIACEAE: SCAEVOLA TACCADA. SAND, POT SEA WATER GERMINATION
1231. LEVERINGTON, K. C. THE EFFECT OF SALINE CONDITIONS ON THE GROWTH OF SUGAR CANE. 1. THE EFFECT OF SODIUM CHLORIDE. BUR. SUGAR EXPT. STA. TECH. COMMUNICATIONS NO. 4: 21-25, 1960. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. SAND, POT SODIUM, CHLORIDE ROOT GROWTH, VEGETATIVE GROWTH
1232. LEVITT, J. SALT AND ION STRESSES. IN RESPONSES OF PLANTS TO ENVIRONMENTAL STRESSES: ACADEMIC PRESS, N.Y.: 489-530, 1972. SODIUM, CHLORIDE, SULFATE SALT TOLERANCE, TOXICITY, ENZYME ACTIVITY
1233. LILLELAND, C. EFFECTS OF MILD SALINITY ON DECIDUOUS FRUIT TREES. PROC. CONF. ON QUAL. OF WATERS FOR IRRIG., DAVIS, CALIF.: 189-192, 1958. TREE

1234. LILLELAND, O. SODIUM-EXCESS INJURY. USDA AGRIC. HANDBOOK 10: 249. 1951. ALMOND; APRICOT; CHERRY, SWEET; PEACH; PLUM. JAPANESE ROSACEAE: PRUNUS AMYGDALUS, PRUNUS ARMENIACA, PRUNUS AVIUM, PRUNUS PERSICA, PRUNUS SALICINA. SODIUM LEAF INJURY
1235. LILLELAND, O.; BROWN, J. G.; SWANSON, C. RESEARCH SHOWS SODIUM MAY CAUSE LEAF TIP BURN. ALMOND FACTS 9: 1, 5. 1945. ALMOND ROSACEAE: PRUNUS AMYGDALUS. FIELD. SOIL SODIUM LEAF INJURY
1236. LINDE, R. VAN DER; MEIDEN, H. A. VAN DER DE INVLOED VAN DE INUNDATIE 1953 OP HOUTSOORTEN. THE EFFECTS OF THE INUNDATION OF 1953 ON WOODY PLANTS. (DUT). FRUITTEELT 44: 99. 1954. TREE: OAK, ENGLISH; TAMARISK, FRENCH; POPLAR, WHITE; LOCUST, BLACK; PRIVET; ELM, SIBERIAN; WILLOW, WHITE; BLACKTHORN; ALDER, BLACK; ELDER, EUROPEAN; PLANE TREE, LONDON; MAPLE, HEDGE; BIRCH; ASH, EUROPEAN; LINDEN; ASH, EUROPEAN MOUNTAIN; CHESTNUT, HORSE; ELM, DUTCH; BEECH, EUROPEAN; POPLAR, LOMBARDY; MAPLE, SYCAMORE; ALDER, EUROPEAN; BOXWOOD; FILBERT, EUROPEAN FAGACEAE: QUERCUS ROBUR, FAGUS SYLVATICA; TAMARICACEAE: TAMARIX GALLICA; SALICACEAE: POPULUS ALBA, SALIX ALBA, SALIX ALBA VAR CALVA, POPULUS NIGRA VAR ITALICA; LEGUMINOSAE: ROBINIA PSEUDOACACIA; OLIACEAE: LIGUSTRUM, FRAXINUS EXCELSIOR; ULMACEAE: ULMUS CAMPESTRIS, ULMUS HOLLANDICA; ROSACEAE: PRUNUS SPINOSA, SORBUS AUCUPARIA, CRATAEGUS MONOGYNA; CORYLACEAE: ALNUS GLUTINOSA, BETULA, CARPINUS BETULUS, ALNUS INCANA, CORYLUS AVELLANA; CAPRIFOLIACEAE: SAMBUCUS NIGRA; PLATANACEAE: PLATANUS ACERIFOLIA; ACERACEAE: ACER CAMPESTRE, ACER PSEUDOPLATANUS; TILIACEAE: TILIA; HIPPOCASTANACEAE: AESCULUS HIPPOCASTANUM; BUXACEAE: BUXUS SEMPERVIRENS. FIELD. SOIL SEA WATER SALT TOLERANCE
1237. LINDE, R. VAN DER; MEIDEN, H. A. VAN DER ENKELE VOORLOPICE RESULTATEN VAN EEN ONDERZOEK NAAR DE INVLOED VAN DE INUNDATIE 1953 OP HOUTSOORTEN. SOME TENTATIVE RESULTS OF AN INVESTIGATION ON THE INFLUENCE OF THE FLOODS OF 1953 ON TREES. (DUT: ENG SUM). OVERDRUK UIT HET TIJDSCHRIFT DER NEDERLANDSCHE HEIDEMAATSCHAPPIJ, JANUARI 1954. TREE FIELD. SOIL SODIUM, CHLORIDE VEGETATIVE GROWTH, LEAF INJURY
1238. LIPMAN, C. B.; DAVIS, A. R.; WEST, E. S. THE TOLERANCE OF PLANTS FOR NaCl. SOIL SCI. 22: 303-322. 1926. WHEAT; BARLEY; PEA GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE; LEGUMINOSAE: PISUM SATIVUM. WATER CULTURE, POT SODIUM, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE
1239. LIPMAN, C. B.; GERICKE, W. F. ANTAGONISM BETWEEN ANIONS AS AFFECTING BARLEY YIELD ON A CLAY-ADOBE SOIL. J. AGRIC. RES. 4: 201-218. 1915. BARLEY GRAMINEAE: HORDEUM VULGARE. GREENHOUSE, POT, SOIL SODIUM, CHLORIDE, SULFATE, CARBONATE TOXICITY, VEGETATIVE GROWTH, SALT TOLERANCE
1240. LIPMAN, C. B.; GERICKE, W. F. THE INHIBITION BY STABLE MANURE OF THE INJURIOUS EFFECTS OF ALKALI SALTS IN SOILS. SOIL SCI. 7: 105-120. 1919. BARLEY GRAMINEAE: HORDEUM VULGARE. GREENHOUSE, POT, SOIL SODIUM, CHLORIDE, CARBONATE, SULFATE, PHOSPHATE, MANURE
1241. LITTLE, S.; MOHR, J. J.; SPICER, L. L. SALT-WATER STORM DAMAGE TO LOBLOLLY PINE FORESTS. J. FOR. 56: 27-28. 1958. PINE, LOBLOLLY; PINE, POND; PINE, SLASH, PINE, CLUSTER; PINE, VIRGINIA; GUM, SWEET PINACEAE: PINUS SEROTINA, PINUS ELLIOTTII, PINUS PINASTER, PINUS TAEDA, PINUS VIRGINIANA; HAMAMEL'DACEAE: LIQUIDAMBAR STYRACIFLUA. FIELD, SOIL SALT SPRAY, BRACKISH WATER VEGETATIVE GROWTH
1242. LIU, LII-JANG. SALINITY EFFECTS ON SUGARCANE GERMINATION GROWTH, AND ROOT DEVELOPMENT. J. AGRIC. UNIV. PUERTO RICO 3: 201-209. 1967. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. GREENHOUSE, POT, SOIL VARIETY, SODIUM, CHLORIDE VEGETATIVE GROWTH, GERMINATION, ROOT GROWTH
1243. LIVNE, A.; LEVIN, N. TISSUE RESPIRATION AND MITOCHONDRIAL OXIDATIVE PHOSPHORYLATION OF NaCl-TREATED PEA SEEDLINGS. PLANT PHYSIOL. 42: 407-414. 1967. PEA LEGUMINOSAE: PISUM SATIVUM. GREENHOUSE, WATER CULTURE, POT SODIUM, CHLORIDE VEGETATIVE GROWTH, RESPIRATION, ION CONTENT, PHOTOSYNTHESIS, MITOCHONDRIA
1244. LUJONES, B.; REFSDAL, K. KLORSKADE PA JORDBAER. CHLORIDE INJURY TO STRAWBERRIES. (NOR). FRUKT OG BAER 7: 73-80. 1954. STRAWBERRY ROSACEAE: FRAGARIA. FIELD PLOT, SOIL, POT POTASSIUM, CHLORIDE, SULFATE, MAGNESIUM, SODIUM, CALCIUM LEAF INJURY, CHLORIDE UPTAKE

1245. LO, C. C.; YAMAGUCHI, H. DUAL PATTERNS OF GROWTH INHIBITION IN ARABIDOPSIS THALIANA INDUCED BY SALINITY UNDER ASEPTIC CULTURE. JPN. J. BREED. 20: 326-330. 1970. CRUCIFERAE: ARABIDOPSIS THALIANA. POT. GROWTH CHAMBER. TEST TUBE SODIUM. CHLORIDE GERMINATION. VEGETATIVE GROWTH
1246. LOCKARD, R. G.; MCWALTER, A. R. EFFECTS OF TOXIC LEVELS OF SODIUM, ARSENIC, IRON, AND ALUMINUM ON THE RICE PLANT. MALAYAN AGRIC. J. 39: 256-267. 1956. RICE GRAMINEAE: ORYZA SATIVA. SAND. POT SODIUM, CHLORIDE, IRON, ALUMINUM. VARIETY. ARSENIC VEGETATIVE GROWTH. TOXICITY, SODIUM UPTAKE, ARSENIC UPTAKE
1247. LOMANITZ, S. THE INFLUENCE OF SODIUM CHLORIDE UPON ALFALFA GROWN IN SOLUTION CULTURES. SOIL SCI. 18: 355-368. 1924. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. WATER CULTURE. POT SODIUM, CHLORIDE WATER UPTAKE, NITROGEN UPTAKE, CHLORIDE UPTAKE, VEGETATIVE GROWTH
1248. LONG, E. M. THE EFFECT OF SALT ADDITIONS TO THE SUBSTRATE ON INTAKE OF WATER AND NUTRIENTS BY ROOTS OF APPROACH-GRAFTED TOMATO PLANTS. AMER. J. BOT. 30: 594-601. 1943. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. POT. WATER CULTURE SODIUM, CHLORIDE, GRAFT, OSMOTIC PRESSURE WATER UPTAKE, NITRATE UPTAKE, POTASSIUM UPTAKE
1249. LONG, F. L.; DANIELS, J. M.; CARREKER, J. R. IRRIGATING VEGETABLES WITH BRACKISH WATER. TRANS. ASAE 11: 171-174. 1968. BEAN: COLLARD: KALE: TURNIP LEGUMINOSAE: PHASEOLUS VULGARIS; CRUCIFERAE: BRASSICA OLERACEA VAR ACEPHALA, BRASSICA RAPA, BRASSICA OLERACEA VAR FRUTICOSA. SOIL, FIELD PLOT BRACKISH WATER, VARIETY SALT TOLERANCE
1250. LONGENECKER, D. E. THE INFLUENCE OF HIGH SODIUM IN SOILS UPON FRUITING AND SHEDDING, BOLL CHARACTERISTICS, FIBER PROPERTIES, AND YIELDS OF TWO COTTON SPECIES. SOIL SCI. 118: 387-396. 1974. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM, GOSSYPIUM BARBADENSE. SOIL, LYSIMETER SODIUM, ACETATE CROP QUALITY, FRUITING, VEGETATIVE GROWTH
1251. LONGENECKER, D. E. THE INFLUENCE OF SOIL SALINITY UPON FRUITING AND SHEDDING, BOLL CHARACTERISTICS, FIBER QUALITY, AND YIELDS OF TWO COTTON SPECIES. SOIL SCI. 115: 294-302. 1973. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM, GOSSYPIUM BARBADENSE. POT. SOIL VARIETY, SODIUM, CHLORIDE, MAGNESIUM, SULFATE, CALCIUM VEGETATIVE GROWTH, FIBER QUALITY
1252. LONGENECKER, D. E.; LYERLY, P. J. EFFECT OF BED TYPE ON COTTON YIELDS AND SOIL SALINITY USING HIGHLY SALINE IRRIGATION WATERS, EL PASO VALLEY 1956-57. TEX. AGRIC. EXPT. STA. PROG. REPT. 2012: 3 PP. 1958. COTTON MALVACEAE: GOSSYPIUM. FIELD PLOT PLANTING METHOD GERMINATION
1253. LOPEZ, D. EFECTO DE SULFATOS Y CLORUROS SOBRE EL CRECIMIENTO DEL MAIZ. II. FASE VEGETATIVA. EFFECT OF SULFATES AND CHLORIDES ON THE GROWTH OF CORN. 2. VEGETATIVE PHASE. (SPA: ENG SUM). ACTA BIOL. VENEZ. 7: 253-269. 1971. CORN GRAMINEAE: ZEA MAYS. POT. SOIL SULFATE, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE
1254. LOPEZ, G. GERMINATION CAPACITY OF SEEDS IN SALINE SOIL. II. SALINE IRRIGATION FOR AGRICULTURE AND FORESTRY. H. BOYKO (ED.), W. JUNK PUBL., THE HAGUE: 11-23. 1968. TOMATO; BROCCOLI; LETTUCE; ENDIVE; BEET; WHEAT, DURUM; WHEAT; BARLEY; ALFALFA; CLOVER, BERSEEM; VETCH GRAMINEAE: TRITICUM DURUM, TRITICUM AESTIVUM, HORDEUM VULGARE; LEGUMINOSAE: MEDICAGO SATIVA, TRIFOLIUM ALEXANDRINUM, VICIA SATIVA; SOLANACEAE: LYCOPERSICON ESCULENTUM; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA; COMPOSITAE: LACTUCA SATIVA, CICHORIUM ENDIVIA, CHENOPODIACEAE: BETA VULGARIS. SOIL SODIUM, CHLORIDE, SULFATE, BICARBONATE, CARBONATE, CALCIUM, SODIUM, MAGNESIUM, POTASSIUM GERMINATION, SALT TOLERANCE
1255. LOPEZ, G. IRRIGATION WITH SALINE WATER IN PUGLIA. IN SALINITY AND ARIDITY: NEW APPROACHES TO OLD PROBLEMS. H. BOYKO (ED.), W. JUNK PUBL., THE HAGUE: 294-313. 1966. VEGETABLE; FRUIT TREE; VINE; LEGUME; GRAIN CROP GRAMINEAE: SPINIFEX HIRSUTUS, DISTICHLIS SPICATA; COMPOSITAE: ARCTOTIS STOECHADIFOLIA, CALOCEPHALUS BROWNII, OLARIA AXILLARIS, BACCHARIS HALIMIFOLIA, ARTEMISIA ABSINTHIUM; BIGNONIACEAE: TILCOMARIA CAPENSIS; ZYGOPHYLLACEAE: NITRARIA SCHROBERI; POLYGONACEAE: MUEHLENBECKIA ADPRESSA; MORACEAE: FICUS MACROPHYLLA; LOGANIACEAE: BUDDLEIA MADAGASCARIENSIS; RUTACEAE: CORREA ALBA; MYRTACEAE: MELALEUCA PUBESCENS, LEPTOSPERMUM LAEVIGATUM, EUCALYPTUS CORNUTA, EUCALYPTUS BOTRYOIDES; LEGUMINOSAE: ACACIA SOPHORAE, ACACIA CYCLOPIS; MYOPORACEAE: MYOPORUM INSULARE; PITTIOSPORACEAE: PITTIOSPORUM CRASSIFOLIUM; CASUARINACEAE: CASUARINA GLAUCA; PINACEAE: PINUS HALEPENSIS; ARAUCARIACEAE: ARAUCARIA EXCELSA; MALVACEAE: LAGUNARIA PATTERSONII; TAMARICACEAE: TAMARIX APHYLLA; CHENOPODIACEAE:

RHAGODIA, ATRIPLEX.

1256. LOTHIAN, T. R. N. SALT TOLERANT PLANTS GROWN IN SOUTH AUSTRALIA. FLORIDA STATE HORT. SOC. 67: 293-297. 1954. GROUND COVER; TREE; SHRUB; NATIVE VEGETATION; VINE; GRASS
1257. LOUGHRIDGE, R. H. TOLERANCE OF ALKALI BY VARIOUS CULTURES. CALIF. AGRIC. STA. BULL. 133: 43 PP. 1901. TREE; GRASS; VINE; VEGETABLE; HERB; NATIVE VEGETATION; LEGUME; GRAIN CROP; FRUIT TREE; FIBER CROP; SUGAR CROP; GRAPE FIELD. SOIL CARBONATE. CHLORIDE. ALKALI SOIL. SULFATE ALKALI TOLERANCE. SALT TOLERANCE
1258. LUCHETTI, G. SU ALCUNI CASI DI DEFOGLIAZIONE DI ALBERI CAUSATA DA SALSEDINE NATURALE DEL TERRENO NEL FERRARESE. SOME CASES OF DEFOLIATION OF TREES FROM SALINE SOILS IN FERRARA AREA. (ITA; ENG-SUM). ESTRATTO DA L'AGRICOLTURA ITALIANA 1949 (V.N.S.): 124-133. 1949. PEACH; POPLAR SILICACEAE; POPULUS CANADENSIS, POPULUS TREMULA; ROSACEAE; PRUNUS PERSICA. SOIL SALINE SOIL. SODIUM. CHLORIDE LEAF INJURY
1259. LUGAN, J. RESISTANCE DES PLANTES A LA SALURE DES EAUX. RESISTANCE OF PLANTS TO SALINE WATER. (FRE). AGRICULTURE (PARIS) 134: 111. 1952. ARTICHOKE; COTTON; RICE; TOMATO; ALFALFA COMPOSITAE; CYNARA SCOLYMUS; MALVACEAE; GOSSYPIUM; GRAMINEAE; ORYZA SATIVA; LEGUMINOSAE; MEDICAGO SATIVA; SOLANACEAE; LYCOPERSICON ESCULENTUM. SODIUM. CHLORIDE
1260. LUKEN, H. SALINE SOILS UNDER DRYLAND AGRICULTURE IN SOUTHEASTERN SASKATCHEWAN (CANADA) AND POSSIBILITIES FOR THEIR IMPROVEMENT. I. DISTRIBUTION AND COMPOSITION OF WATER-SOLUBLE SALTS IN SOILS IN RELATION TO PHYSIOGRAPHIC FEATURES AND PLANT GROWTH. PLANT SOIL 17: 1-25. 1962. WHEAT; OATS; BARLEY; BROMEGRASS; BARLEY. WILD GRAMINEAE; BROMUS INERMIS. HORDEUM JUBATUM. HORDEUM VULGARE. AVENA SATIVA. TRITICUM AESTIVUM. FIELD. SOIL SALINE SOIL. MAGNESIUM. SULFATE. SODIUM ADSORPTION RATIO. WATER TABLE GRAIN YIELD. ECOLOGY
1261. LUKEN, H. SALINE SOILS UNDER DRYLAND AGRICULTURE IN SOUTHEASTERN SASKATCHEWAN (CANADA) AND POSSIBILITIES FOR THEIR IMPROVEMENT. II. EVALUATION OF EFFECTS OF VARIOUS TREATMENTS ON SOIL SALINITY AND CROP YIELD. PLANT SOIL 17: 26-48. 1962. WHEAT GRAMINEAE; TRITICUM AESTIVUM. GROWTH CHAMBER. POT. SOIL. FIELD PLOT SODIUM. CALCIUM. MAGNESIUM. CHLORIDE. FERTILITY. MANURE. PEAT MOSS. GYPSUM. KRILLIUM GERMINATION. EMERGENCE. VEGETATIVE GROWTH. SEED WEIGHT. GRAIN YIELD. TRANSPIRATION
1262. LUKEN, H. SALINE SOILS UNDER DRYLAND AGRICULTURE IN SOUTHEASTERN SASKATCHEWAN (CANADA) AND POSSIBILITIES FOR THEIR IMPROVEMENT. III. INFLUENCE OF ORGANIC MATTER APPLICATION ON SOIL SALINITY AND CROP YIELDS. PLANT SOIL 17: 49-67. 1962. BARLEY GRAMINEAE; HORDEUM VULGARE. SOIL. POT. GROWTH CHAMBER. FIELD PLOT SALINE SOIL. SODIUM. CHLORIDE. PEAT MOSS. MANURE VEGETATIVE GROWTH
1263. LUMIS, G. P. ABSORPTION AND TRANSLOCATION OF HIGHWAY DEICING SALT BY WHITE PINE (PINUS STROBUS L.). HORTSCIENCE 8: 272-273. 1973. PINE. WHITE PINACEAE; PINUS STROBUS. FIELD. SOIL DEICING SALT CHLORIDE UPTAKE. SODIUM UPTAKE
1264. LUMIS, G. P.; HOFSTRA, G.; HALL, R. ROADSIDE WOODY PLANT SUSCEPTIBILITY TO SODIUM AND CHLORIDE ACCUMULATION DURING WINTER AND SPRING. CAN. J. PLANT SCI. 56: 853-859. 1976. PINE. AUSTRIAN; LILAC; MAPLE. NORWAY; PRIVET. AMUR; MAPLE. SUGAR; APPLE; CEDAR. WHITE; BEECH; MAPLE. MANITOBA; DOGWOOD. RED OSIER; PINE. WHITE; WILLOW. WEEPING GOLDEN PINACEAE; PINUS NIGRA. PINUS STROBUS; ACERACEAE; ACER PLATANOIDES. ACER SACCHARUM. ACER NEGUNDO; OLEACEAE; SYRINGA VULGARIS. LIGUSTRUM AMURENSE; CUPRESSACEAE; THUJA OCCIDENTALIS; CORNACEAE; CORNUS STOLONIFERA; FAGACEAE; FAGUS GRANDIFOLIA; SALICACEAE. SALIX ALBA; ROSACEAE; MALUS SYLVESTRIS. FIELD. SOIL DEICING SALT CHLORIDE UPTAKE. SODIUM UPTAKE
1265. LUMIS, G. P.; HOFSTRA, G.; HALL, R. SALT DAMAGE TO ROADSIDE PLANTS. J. ARBORIC. 1: 14-16. 1975. TREE; SHRUB FIELD. SOIL DEICING SALT. SALT SPRAY ECOLOGY
1266. LUMIS, G. P.; HOFSTRA, G.; LUMIS, R. SENSITIVITY OF ROADSIDE TREES AND SHRUBS TO AERIAL DRIFT OF DEICING SALT. HORTSCIENCE 8: 475-477. 1973. TREE; SHRUB FIELD. SOIL DEICING SALT LEAF INJURY. VEGETATIVE GROWTH

1267. LUNIN, J.; GALLATIN, M. H. EFFECT OF SALINE WATER ON THE GROWTH AND CHEMICAL COMPOSITION OF BEANS. I. INFLUENCE OF SOIL DILUTIONS. SOIL SCI. SOC. PROC. 24: 231-234. 1960. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. SOIL. POT. SEA WATER MINERAL COMPOSITION
1268. LUNIN, J.; GALLATIN, M. H. SALINITY-FERTILITY INTERACTIONS IN RELATION TO THE GROWTH AND COMPOSITION OF BEANS. I. EFFECT OF N, P, AND K. AGRON. J. 57: 339-342. 1965. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE. POT. SOIL SEA WATER. FERTILIZER. NITROGEN CATION EXCHANGE. VEGETATIVE GROWTH. EVAPOTRANSPIRATION
1269. LUNIN, J.; GALLATIN, M. H. SALINITY-FERTILITY INTERACTIONS IN RELATION TO THE GROWTH AND COMPOSITION OF BEANS. II. VARYING LEVELS OF N AND P. AGRON. J. 57: 342-345. 1965. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE. POT. SOIL FERTILIZER. NITROGEN. POTASSIUM. PHOSPHORUS NITROGEN UPTAKE. PHOSPHORUS UPTAKE. EVAPOTRANSPIRATION
1270. LUNIN, J.; GALLATIN, M. H. ZONAL SALINIZATION OF THE ROOT SYSTEM IN RELATION TO PLANT GROWTH. SOIL SCI. SOC. AMER. PROC. 29: 608-612. 1965. CORN; TOMATO GRAMINEAE: ZEA MAYS; SOLANACEAE: LYCOPERSICON ESCULENTUM. GREENHOUSE. POT. SOIL SODIUM. CHLORIDE. OSMOTIC PRESSURE WATER UPTAKE. VEGETATIVE GROWTH. WATER CONTENT. TRANSPIRATION
1271. LUNIN, J.; GALLATIN, M. H.; BATCHELDER, A. R. EFFECT OF STAGE OF GROWTH AT TIME OF SALINIZATION ON GROWTH AND CHEMICAL COMPOSITION OF BEANS. I. TOTAL SALINIZATION ACCOMPLISHED IN ONE IRRIGATION. SOIL SCI. 91: 194-202. 1961. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE. POT. SOIL SEA WATER. GROWTH STAGE WATER CONTENT. MINERAL COMPOSITION
1272. LUNIN, J.; GALLATIN, M. H.; BATCHELDER, A. R. EFFECT OF STAGE OF GROWTH AT TIME OF SALINIZATION ON GROWTH AND CHEMICAL COMPOSITION OF BEANS. II. SALINIZATION IN ONE IRRIGATION COMPARED WITH GRADUAL SALINIZATION. SOIL SCI. 92: 194-201. 1961. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE. POT. SOIL GROWTH STAGE VEGETATIVE GROWTH. MINERAL COMPOSITION. TRANSPIRATION
1273. LUNIN, J.; GALLATIN, M. H.; BATCHELDER, A. R. EFFECTS OF SUPPLEMENTAL IRRIGATION WITH SALINE WATER ON SOIL COMPOSITION AND ON YIELDS AND CATION CONTENT OF FORAGE CROPS. SOIL SCI. SOC. AMER. PROC. 28: 551-554. 1964. ALFALFA: FESCUE, TALL; ORCHARD GRASS; CLOVER. LADINO; CLOVER, RED LEGUMINOSAE: MEDICAGO SATIVA. TRIFOLIUM REPENS LATUM. TRIFOLIUM PRATENSE; GRAMINEAE: FESTUCA ARUNDINACEA. DACTYLIS GLOMERATA. FIELD PLOT. SOIL SEA WATER MINERAL COMPOSITION
1274. LUNIN, J.; GALLATIN, M. H.; BATCHELDER, A. R. INTERACTIVE EFFECTS OF BASE SATURATION AND EXCHANGEABLE SODIUM ON THE GROWTH AND CATION COMPOSITION OF BEANS. SOIL SCI. 97: 25-33. 1964. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. SOIL. POT. GREENHOUSE EXCHANGEABLE SODIUM PERCENTAGE. CALCIUM. CARBONATE. MAGNESIUM. SODIUM VEGETATIVE GROWTH. WATER CONTENT. MINERAL COMPOSITION
1275. LUNIN, J.; GALLATIN, M. H.; BATCHELDER, A. R. INTERACTIVE EFFECTS OF SOIL FERTILITY AND SALINITY ON THE GROWTH AND COMPOSITION OF BEANS. AMER. SOC. HORT. SCI. 85: 350-360. 1964. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE. POT. SOIL FERTILIZER. SEA WATER MINERAL COMPOSITION
1276. LUNIN, J.; GALLATIN, M. H.; BATCHELDER, A. R. SALINE IRRIGATION OF SEVERAL VEGETABLE CROPS AT VARIOUS GROWTH STAGES. I. EFFECT ON YIELDS. AGRON. J. 55: 107-114. 1963. BROCCOLI; TOMATO; BEET; SPINACH; ONION; PEPPER CRUCIFERAE: BRASSICA OLERACEA VAR ITALICA; AMARYLLIDACEAE: ALLIUM CEPA; SOLANACEAE: LYCOPERSICON ESCULENTUM. CAPSICUM FRUTESCENS; CHENOPODIACEAE: BETA VULGARIS. SPINACIA OLERACEA. GREENHOUSE. POT. SOIL SEA WATER. GROWTH STAGE EVAPOTRANSPIRATION. WATER CONTENT
1277. LUNIN, J.; STEWART, F. B. AZALEAS AND CAMELLIAS CAN'T TAKE MUCH SALT. USDA AGRIC. RES. 9: 12. 1961. AZALEA; CAMELLIA ERICACEAE: RHODODENDRON; THEACEAE: CAMELLIA. GREENHOUSE. POT. SOIL SODIUM. CHLORIDE LEAF INJURY. VEGETATIVE GROWTH
1278. LUNIN, J.; STEWART, F. B. THE EFFECT OF SOIL SALINITY ON AZALEA AND CAMELLIAS. PROC. AMER. SOC. HORT. SCI. 77: 528-532. 1961. AZALEA; CAMELLIA THEACEAE: CAMELLIA; ERICACEAE: RHODODENDRON. POT. SOIL SEA WATER LEAF

INJURY

1279. LUNT, O. R.; KAEMPFER, C.; YOUNGNER, V. B. TOLERANCE OF FIVE TURFGRASS SPECIES TO SOIL ALKALI. AGRON. J. 56: 481-482. 1964. BENTGRASS, SEASIDE; FESCUE, TALL; BLUEGRASS, KENTUCKY; BERMUDA GRASS GRAMINEAE; PUCCINELLIA DISTANS, POA PRATENSIS, BROMUS, CYNODON DACTYLON, AGROSTIS. SOIL, GREENHOUSE, POT EXCHANGEABLE SODIUM PERCENTAGE, SODIUM, CARBONATE, VINYL ACETATE-MALEIC ACID VEGETATIVE GROWTH, SALT TOLERANCE
1280. LUNT, O. R.; KIMBALL, M. H. INCREASED PROFITS THROUGH CORRECT SOIL SALINITY. PACIFIC COAST NURSERYMAN 3: 18-19. 90. 1953. CARNATION CARYOPHYLLACEAE; DIANTHUS. LEACHING VEGETATIVE GROWTH
1281. LUNT, O. R.; KOHL, H. C.; KOFRANEK, A. M. THE EFFECT OF BICARBONATE AND OTHER CONSTITUENTS OF IRRIGATION WATER ON THE GROWTH OF AZALEAS. PROC. AMER. SOC. HORT. SCI. 68: 537-544. 1965. AZALEA ERICACEAE; RHODODENDRON OCCIDENTALE. POT. PEAT, GREENHOUSE BICARBONATE, SODIUM, SULFATE, POTASSIUM, MAGNESIUM, AMMONIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH
1282. LUNT, O. R.; KOHL, H. C.; KOFRANEK, A. M. TOLERANCE OF AZALEAS AND GARDENIAS TO SALINITY CONDITIONS AND BORON. AMER. SOC. HORT. SCI. PROC. 69: 543-548. 1957. AZALEA; GARDENIA ERICACEAE; RHODODENDRON OCCIDENTALE; RUBIACEAE; GARDENIA. SAND, PEAT, POT, GREENHOUSE BORON, VARIETY, CALCIUM, MAGNESIUM, POTASSIUM VEGETATIVE GROWTH, SALT TOLERANCE
1283. LUNT, O. R.; KOHL, H. C.; KOFRANEK, A. M. TOLERANCE OF CARNATIONS TO SALINE CONDITIONS AND BORON. CARNATION CRAFT 36: 5-6. 1956. CARNATION CARYOPHYLLACEAE; DIANTHUS. POT, SAND SODIUM, CALCIUM, CHLORIDE, BORON SALT TOLERANCE, VEGETATIVE GROWTH, LEAF INJURY
1284. LUNT, O. R.; KOFRANEK, A. M.; HART, S. A. TOLERANCE OF SIX STOCK (MATTHIOLA INCANA) VARIETALS TO SALINE CONDITIONS. PROC. AMER. SOC. HORT. SCI. 64: 431-436. 1954. CRUCIFERAE; MATTHIOLA INCANA. POT, SOIL VARIETY, SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE
1285. LUNT, O. R.; OERTLI, J. J.; KOHL, H. C. INFLUENCE OF CERTAIN ENVIRONMENTAL CONDITIONS ON THE SALINITY TOLERANCE OF CHRYSANTHEMUM MORIFOLIUM. AMER. SOC. HORT. SCI. 75: 676-687. 1962. CHRYSANTHEMUM COMPOSITAE; CHRYSANTHEMUM MORIFOLIUM. POT, GROWTH CHAMBER, VERMICULITE TEMPERATURE, SODIUM, CHLORIDE, CALCIUM VEGETATIVE GROWTH, MINERAL COMPOSITION
1286. LUNT, O. R.; OERTLI, J. J.; KOHL, H. C. INFLUENCE OF ENVIRONMENTAL CONDITIONS ON THE SALINITY TOLERANCE OF SEVERAL PLANT SPECIES. TRANS. 7TH INT. CONG. SOIL SCI. 1: 560-570. 1960. ASTER, CHINA; BEAN; CHRYSANTHEMUM LEGUMINOSAE; PHASEOLUS VULGARIS; COMPOSITAE; CHRYSANTHEMUM MORIFOLIUM, CALLISTEPHUS CHINENSIS. GROWTH CHAMBER, VERMICULITE, WATER CULTURE, POT SODIUM, CHLORIDE, CALCIUM, TEMPERATURE, HUMIDITY VEGETATIVE GROWTH, TRANSPIRATION
1287. LUNT, O. R.; YOUNGNER, V. B.; OERTLI, J. J. SALINITY TOLERANCE OF FIVE TURFGRASS VARIETIES. AGRON. J. 53: 247-249. 1961. BLUEGRASS, KENTUCKY; BENTGRASS, CREEPING; FESCUE, TALL; SALTGRASS; BENTGRASS, COLONIAL GRAMINEAE; POA PRATENSIS, AGROSTIS PALUSTRIS, FESTUCA ARUNDINACEA, AGROSTIS TENUIS, PUCCINELLIA DISTANS. FIELD PLOT, SOIL, SAND, POT, GREENHOUSE SODIUM, CHLORIDE, CALCIUM SALT TOLERANCE, GERMINATION, VEGETATIVE GROWTH, SODIUM UPTAKE, CHLORIDE UPTAKE, CALCIUM UPTAKE
1288. LYLES, L.; FANNING, C. D. EFFECT OF SOIL SALINITY, FERTILIZATION, WATER TABLE DEPTH AND RUNOFF CONTROL ON PRODUCTION OF NONIRRIGATED GRAIN SORGHUM IN THE LOWER RIO GRANDE VALLEY. TEXAS AGRIC. EXPT. STA. MISC. PAPER (MP-757): 7 PP. 1965. SORGHUM GRAMINEAE; SORGHUM VULGARE. SOIL, FIELD PLOT WATER TABLE, FERTILIZER, SOIL MOISTURE VEGETATIVE GROWTH, EVAPOTRANSPIRATION
1289. LYLES, L.; FANNING, C. D. EFFECTS OF PRESOAKING, MOISTURE TENSION, AND SOIL SALINITY ON THE EMERGENCE OF GRAIN SORGHUM. AGRON. J. 56: 518-520. 1964. SORGHUM GRAMINEAE; SORGHUM VULGARE. SOIL, POT SEED PRETREATMENT, SODIUM, CALCIUM, CHLORIDE, WATER STRESS, OSMOTIC PRESSURE EMERGENCE, OSMOTIC POTENTIAL

1290. LYON, C. B. RESPONSE OF TWO SPECIES OF TOMATOES AND THE F1 GENERATION TO SODIUM SULFATE IN THE NUTRIENT MEDIUM. BOT. GAZ. 103: 107-122. 1941. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. WATER CULTURE SODIUM, SULFATE VEGETATIVE GROWTH. GENETIC INTERACTION
1291. MAAS, E. V.; HOFFMAN, G. J. CROP SALT TOLERANCE - CURRENT ASSESSMENT. J. IRRIG. DRAIN. DIV. ASCE 103: 115-134. 1977.
1292. MAAS, E. V.; HOFFMAN, G. J. CROPS SALT TOLERANCE: EVALUATION OF EXISTING DATA. PROC. INTL. SALINITY CONF. TEXAS TECH. UNIV.. LUBBOCK. AUGUST 1976: 187-198. 1976.
1293. MAAS, E. V.; HOFFMAN, G. J. EVALUATION AND USE OF CROP SALT TOLERANCE DATA. PROC. SALINE SEEP CONTROL. SYMP., MONTANA STATE UNIV. BOZEMAN. BULL. 1132: 245-252. 1976.
1294. MAAS, E. V.; HOFFMAN, G. J.; RAWLINS, S. L.; OGATA, G. SALINITY-OZONE INTERACTIONS ON PINTO BEAN: INTEGRATED RESPONSE TO OZONE CONCENTRATION AND DURATION. J. ENVIRON. QUAL. 2: 400-404. 1973. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. WATER CULTURE. GROWTH CHAMBER SODIUM, CHLORIDE, OZONE. LEAF INJURY, MINERAL COMPOSITION, VEGETATIVE GROWTH, ROOT GROWTH
1295. MAAS, E. V.; OGATA, G.; GARBER, M. J. INFLUENCE OF SALINITY ON FE, MN AND ZN UPTAKE BY PLANTS. AGRON. J. 64: 793-795. 1972. TOMATO; SOYBEAN; SQUASH GREENHOUSE. WATER CULTURE. POT SODIUM, CHLORIDE, IRON, MANGANESE, ZINC MINERAL COMPOSITION, VEGETATIVE GROWTH, IRON UPTAKE, ZINC UPTAKE, MANGANESE UPTAKE
1296. MACHMER, J. H. EFFECT OF SOIL SALINITY ON NEMATODES IN CITRUS AND PAPAYA PLANTINGS. J. RIO GRANDE VALLEY HORT. SOC. 12: 57-60. 1958. PAPAYA; CITRUS RUTACEAE: CITRUS; CARICACEAE: CARICA PAPAYA. FIELD PLOT, SOIL SODIUM, CHLORIDE, CALCIUM, SULFATE NEMATODES
1297. MACKAY, D. C.; LANGILLE, W. M.; CHIPMAN, E. W. BORON DEFICIENCY AND TOXICITY IN CROPS GROWN ON SPHAGNUM PEAT SOIL. CAN. J. SOIL SCI. 42: 302-310. 1962. BEAN; POTATO; SPINACH; OATS; LETTUCE; CABBAGE; ONION; TOMATO LEGUMINOSAE: PHASEOLUS VULGARIS; AMARYLLIDACEAE: ALLIUM CEPA; SOLANACEAE: SOLANUM TUBEROSUM, LYCOPERSICON ESCULENTUM; GRAMINEAE: AVENA SATIVA; CHENOPODIACEAE: SPINACIA OLERACEA; COMPOSITAE: LACTUCA SATIVA; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA. GREENHOUSE. SOIL. POT BORON TOXICITY
1298. MACKIE, A. G.; UNGAR, I. A. THE EFFECTS OF SALINITY ON GERMINATION AND EARLY GROWTH OF PUCCINELLIA NUTTALLIANA. CAN. J. BOT. 49: 515-520. 1971. GRAMINEAE: PUCCINELLIA NUTTALLIANA. GERMINATION DISHS, WATER CULTURE SODIUM, CHLORIDE, BICARBONATE, SULFATE, ETHYLENE GLYCOL, OSMOTIC PRESSURE GERMINATION, SEEDLING GROWTH, FLOWERING
1299. MAGISTAD, O. C. PLANT GROWTH RELATIONS ON SALINE AND ALKALI SOILS. BOT. REV. 11: 181-230. 1945. GERMINATION, SEEDLING GROWTH, SALT TOLERANCE, VEGETATIVE GROWTH, TOXICITY
1300. MAGISTAD, O. C.; AYERS, A. D.; WADLEIGH, C. H.; GAUCH, H. G. EFFECT OF SALT CONCENTRATIONS, KIND OF SALT, AND CLIMATE ON PLANT GROWTH IN SAND CULTURES. PLANT PHYSIOL. 18: 151-166. 1943. BEET; CARROT; BEAN, WAX; ONION AMARYLLIDACEAE: ALLIUM CEPA; CHENOPODIACEAE: BETA VULGARIS, UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; LEGUMINOSAE: PHASEOLUS VULGARIS. SAND TANK SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, SULFATE, CLIMATE VEGETATIVE GROWTH
1301. MAGOWAN, F. N. THE TOXIC EFFECT OF CERTAIN COMMON SALTS OF THE SOIL ON PLANTS. BOT. GAZ. 45: 45-49. 1908. WHEAT; RADISH; CLOVER GRAMINEAE: TRITICUM AESTIVUM; CRUCIFERAE: RAPHANUS SATIVUS; LEGUMINOSAE: TRIFOLIUM. WATER CULTURE CALCIUM, MAGNESIUM, POTASSIUM, SODIUM, CHLORIDE TOXICITY, GERMINATION, VEGETATIVE GROWTH
1302. MAHMOOD, T. BORON TOXICITY CAUSING TREE COLLAPSE: A MALADY OF CITRUS TREES IN THE IZMIR REGION OF TURKEY. PLANT DIS. REP. 55: 1132. 1971. ORANGE; MANDARIN; ORANGE, TRIFOLIATE RUTACEAE: CITRUS SINENSIS, CITRUS RETICULATA, PONCIRUS TRIFOLIATA. FIELD, SOIL BORON, SEA WATER TOXICITY, VEGETATIVE GROWTH
1303. MAIANU, A.; AKSENOVA, I.; ALBESCU, I. SALT TOLERANCE OF THE MAIN CULTIVATED PLANTS ON MEADOW SOILS WITH CHLORIDE SALINIZATION. (RUM). AN. INST. CENT. CERCET AGRIC. SECT. PEDOL. 33: 357-373. 1966. PEA; BEAN; RYE; OATS;

BARLEY; SAINFOIN; SUDAN GRASS; ALFALFA; SUNFLOWER; BEET, SUGAR; BEET, FORAGE; VETCH; CORN; BEAN; CASTOR; WHEAT
 LEGUMINOSAE: PISUM SATIVUM, PHASEOLUS VULGARIS, MEDICAGO SATIVA, ONOBRYCHIS VICIIFOLIA, VICIA SATIVA; GRAMINEAE:
 SECALE CEREALE, AVENA SATIVA, TRITICUM AESTIVUM, HORDEUM VULGARE, SORGHUM SUDANENSE, ZEA MAYS; CHENOPODIACEAE: BETA
 VULGARIS; COMPOSITAE: HELIANTHUS ANNUUS. SOIL CHLORIDE SALT TOLERANCE

1304. MAKSIMOVA, E. V.; MATUKHIN, G. R. EFFECT OF SALINIZATION ON THE RESPIRATION RATE AND ACTIVITY OF TERMINAL OXIDASES OF MILLET LEAVES. SOVIET PLANT PHYSIOL. 12: 466-468, 1965. MILLET, AFRICAN GRAMINEAE: LLEUSINE CORACANA. POT. SOIL SODIUM, CHLORIDE, SULFATE RESPIRATION, ENZYME ACTIVITY
1305. MALABAYABAS, C. R.; MERCADO, B. T.; ESCOBER, C.; OBIAS, R. YIELD PERFORMANCE TEST ON SOME RICE VARIETIES UNDER SALINE FIELD CONDITIONS. PROC. CROP SCI. SOC. PHILIPPINES 2: RICE GRAMINEAE: ORYZA SATIVA. SOIL, FIELD SALINE SOIL, VARIETY
1306. MALCOLM, C. V. EFFECTS OF SALT, TEMPERATURE, AND SEED SCARIFICATION ON GERMINATION OF TWO VARIETIES OF ARTHROCNEUM HALOCNEMOIDES. J. ROYAL SOC. WEST. AUST. 47: 72-74, 1964. CHENOPODIACEAE: ARTHROCNEUM HALOCNEMOIDES. WATER CULTURE, GERMINATION DISHES SODIUM, CHLORIDE, TEMPERATURE, SCARIFICATION GERMINATION
1307. MALCOLM, C. V. ESTABLISHING SHRUBS IN SALINE ENVIRONMENTS. WEST. AUST. DEPT. AGRIC. TECH. BULL. 14: 37 PP. 1972. SHRUB; NATIVE VEGETATION
1308. MALCOLM, C. V. FORAGE PRODUCTION FROM SHRUBS ON SALINE LAND. J. AGRIC. WEST. AUST. 15: 68-73, 1974. NATIVE VEGETATION; FORAGE CROP; SHRUB SALT TOLERANCE
1309. MALCOLM, C. V. FORAGE PRODUCTION FROM SHRUBS ON SALINE LAND. WEST. AUST. DEPT. AGRIC. BULL. NO. 3945: 6 PP. 1974. NATIVE VEGETATION; FORAGE CROP; SHRUB SALT TOLERANCE
1310. MALCOLM, C. V. PLANT COLLECTION FOR PASTURE IMPROVEMENT IN SALINE AND ARID ENVIRONMENTS. WEST. AUST. DEPT. AGRIC. TECH. BULL. NO. 6: 78 PP. 1971. NATIVE VEGETATION; SHRUB; FORAGE CROP
1311. MALCOLM, C. V. PLANTS FOR SALTY WATER. J. AGRIC. WEST. AUST. 3: 793-794, 1962. FRUIT TREE; VEGETABLE; NATIVE VEGETATION; FORAGE CROP; GROUND COVER; FLOWER; GRASS; LEGUME; GRAIN CROP SALT TOLERANCE
1312. MALCOLM, C. V. SALTY SEEPAGES CAN BE PRODUCTIVE. WEST. AUST. DEPT. AGRIC. BULL. NO. 2943: 4 PP. 1961. TAMARISK; BEEFWOOD; TUSsock GRASS, PERENNIAL; WHEATGRASS, SALT; DALLIS GRASS; CLOVER, STRAWBERRY GRAMINEAE: PASPALUM VAGINATUM, PUCCINELLIA, AGROPYRON ELONGATUM, PASPALUM DILATATUM; LEGUMINOSAE: TRIFOLIUM FRAGIFERUM; MYRTACEAE: EUCALYPTUS SARGENTII; CASUARINACEAE: CASUARINA GLAUCA.
1313. MALCOLM, C. V. USE OF HALOPHYTES FOR FORAGE PRODUCTION ON SALINE WASTELANDS. AUST. INST. AGRIC. SCI. J. 35: 38, 1969. SALTBUSH, AUSTRALIAN; HALOPHYTE CHENOPODIACEAE: ATRIPLEX SEMIACCATA, ATRIPLEX NUMMULARIA, KOCHIA INDICA, SUAEDA FRUTICOSA, KOCHIA BREVIFOLIA, ARTHROCNEUM HALOCNEMOIDES, ARTHROCNEUM, ATRIPLEX HALIMUS, SALICORNIA HERBACEA, SUAEDA GLAUCA, ATRIPLEX HALOCNEMOIDES, SUAEDA LINEARIS, SALICORNIA EUROPAEA, ATRIPLEX CANESCENS, ATRIPLEX RHAGODIODES, ATRIPLEX CONFERTIFOLIA, EUROTIA LANATA, SALSOLA VERMICULATA, ATRIPLEX PARVIFOLIUS, SARCOBATUS VERMICULATUS; GRAMINEAE: PASPALUM VAGINATUM, PUCCINELLIA CAPILLARIS, AGROPYRON ELONGATUM.
1314. MALCOLM, C. V.; CLARKE, A. J. PLANT COLLECTION FOR SALT LAND REVEGETATION AND SOIL CONSERVATION. WEST. AUST. DEPT. AGRIC. TECH. BULL. NO. 21: 34 PP. 1973. NATIVE VEGETATION; FORAGE CROP; SHRUB SALT TOLERANCE
1315. MALCOLM, C. V.; LAING, I. A. F. PASPALUM VAGINATUM-FOR SALTY SEEPAGES AND LAWNS. J. AGRIC. WEST. AUST. 10: 474-475, 1969. PASPALUM, SEASHORE GRAMINEAE: PASPALUM VAGINATUM. SALT TOLERANCE
1316. MALCOLM, C. V.; SMITH, S. T. GROWING PLANTS WITH SALTY WATER. J. AGRIC. WEST. AUST. 12: 41-44, 1971. FRUIT TREE; VEGETABLE; FORAGE CROP; GRASS; FLOWER; GRAIN CROP; NATIVE VEGETATION; BULB; LEGUME; SHRUB; GROUND COVER; TREE

1317. MALCOLM, C. V.; SMITH, S. T. PUCCINELLIA - OUTSTANDING SALTLAND GRASS. WEST. AUST. DEPT. AGRIC. BULL. NO. 3312: 6 PP. 1965. SALTGRASS. PERENNIAL GRAMINEAE: PUCCINELLIA CAPILLARIS.
1318. MALIUSHCHITSKII, N. K. THE CORRELATION BETWEEN THE OSMOTIC PRESSURE OF NUTRIENT SOLUTIONS AND THE DEVELOPMENT AND CHEMICAL COMPOSITION OF PLANTS. (RUS). IN DNEUN. XII. SIEZDA. RUSS. EST. ISP. I VRACH. (MOSCOW). NO. 9: 414. RUSS. J. EXPT. LANDW.. 11: 122-124. 1910. BEET. SUGAR; OATS; MILLET. AFRICAN GRAMINEAE; ELEUSINE CORACANA. AVENA SATIVA; CHENOPODIACEAE: BETA VULGARIS. SAND CALCIUM. POTASSIUM. SODIUM. MAGNESIUM. OSMOTIC PRESSURE. CHLORIDE MINERAL COMPOSITION
1319. MALI WAL, G. L. SALT TOLERANCE OF VEGETABLE CROPS. FARMER PARLIAMENT 8: 17. 22. 1973. CABBAGE; CAULIFLOWER; TOMATO; PEPPER; CORN; SPINACH; CARROT; RADISH; OKRA; TORIA; BRINJAL; SEM; DOLICHOS GRAMINEAE; ZEA MAYS; UMBELLIFERAE; DAUCUS CAROTA VAR SATIVA; LEGUMINOSAE; DOLICHOS; CHENOPODIACEAE; SPINACIA OLERACEA; CRUCIFERAE; BRASSICA OLERACEA VAR CAPITATA. BRASSICA OLERACEA VAR BOTRYTIS. RAPHANUS SATIVUS; SOLANACEAE; CAPSICUM FRUTESCENS. LYCOPERSICON ESCULENTUM.
1320. MALI WAL, G. L. SALT TOLERANCE STUDIES OF SOME VARIETIES OF JOWAR (SORGHUM VULGARE), MUNG (PHASEOLUS AUREUS), AND TOBACCO (NICOTIANA TABACUM) VARIETIES. INDIAN J. PLANT PHYSIOL. 10: 95-104. 1967. TOBACCO; SORGHUM. BEAN. MUNG GRAMINEAE; SORGHUM VULGARE; LEGUMINOSAE; PHASEOLUS AUREUS; SOLANACEAE; NICOTIANA TABACUM. GERMINATION DISHES VARIETY. SODIUM. CHLORIDE. SODIUM ADSORPTION PERCENTAGE GERMINATION. EMERGENCE. SALT TOLERANCE
1321. MALI WAL, G. L. TOLERANCE OF FIELD CROPS TO SALTS. FARMER PARLIAMENT 8: 17-18. 1973. WHEAT; BARLEY; CORN; RICE; SORGHUM; MILLET. PEARL; COTTON; MUSTARD. FLAX GRAMINEAE; TRITICUM AESTIVUM. HORDEUM VULGARE. ZEA MAYS. PENNISETUM TYPHOIDES. ORYZA SATIVA. SORGHUM VULGARE; MALVACEAE; GOSSYPIMUM; LINACEAE; LINUM USITATISSIMUM.
1322. MALI WAL, G. L. TOLERANCE OF FIELD CROPS TO SALTS. INDIAN FARMERS DIG. 7: 31-32. 1974. WHEAT; BARLEY; CORN; RICE; MILLET; COTTON; FLAX; TOBACCO; GRAM. BLACK; SESAME GRAMINEAE; TRITICUM AESTIVUM. HORDEUM VULGARE. ZEA MAYS. ORYZA SATIVA. ELEUSINE CORACANA; MALVACEAE; GOSSYPIMUM; CRUCIFERAE; BRASSICA JUNCSEA; SOLANACEAE; NICOTIANA TABACUM; LEGUMINOSAE; PHASEOLUS MUNGO; PEDALIACEAE; SESAMUM INDICUM; LINACEAE; LINUM USITATISSIMUM.
1323. MALI WAL, G. L.; MANOHAR, S. S.; PALI WAL, K. V. EFFECT OF THE QUALITY OF IRRIGATION WATER ON THE YIELD OF SOME WHEAT VARIETIES IN A SANDY SOIL OF RAJASTHAN. ANN. ARID ZONE 15: 17-22. 1971. WHEAT GRAMINEAE; TRITICUM AESTIVUM. SOIL. FIELD PLOT VARIETY. SODIUM. CALCIUM. SULFATE. MAGNESIUM. CHLORIDE. BICARBONATE VEGETATIVE GROWTH
1324. MALI WAL, G. L.; NANAWATI, G. C. EFFECT OF SALTS ON THE GROWTH. MINERAL NUTRITION AND QUALITY OF BRINJAL (SOLANUM MELONGENA). AGROKEM. TALAUTAN 23: 119-124. 1974. EGGPLANT SOLANACEAE; SOLANUM MELONGENA. GREENHOUSE. SAND. POT SODIUM. CALCIUM. CHLORIDE VEGETATIVE GROWTH. FRUIT QUALITY. CROP QUALITY. MINERAL COMPOSITION
1325. MALI WAL, G. L.; PALI WAL, K. V. ENZYMIC ACTIVITY AND SYNTHESIS OF NUCLEIC ACIDS IN OKRA (ABELMOSCHUS ESCULENTUS) AND SPONGEGOURD (LUFFA CYLINDRICA) GROWN IN SALINE SUBSTRATE. PLANT SOIL 37: 221-228. 1972. OKRA; GOURD. SPONGE MALVACEAE; ABELMOSCHUS ESCULENTUS; CUCURBITACEAE; LUFFA CYLINDRICA. SAND. POT SODIUM. CHLORIDE. CALCIUM ENZYME ACTIVITY. RIBONUCLEIC ACID. DESOXYRIBONUCLEIC ACID. VEGETATIVE GROWTH
1326. MALI WAL, G. L.; PALI WAL, K. V. SALT TOLERANCE OF CROPS AT GERMINATION STAGE. ANN. ARID ZONE 8: 109-125. 1970. SALT TOLERANCE
1327. MALI WAL, G. L.; PALI WAL, K. V. SALT TOLERANCE STUDIES AT GERMINATION STAGE. V. PADDY (ORYZA SATIVA). ORYZA 8: 51-54. 1971. RICE GRAMINEAE; ORYZA SATIVA. GERMINATION DISHES VARIETY. SODIUM ADSORPTION PERCENTAGE. SODIUM. CHLORIDE. CALCIUM. MAGNESIUM GERMINATION. SALT TOLERANCE
1328. MALI WAL, G. L.; PALI WAL, K. V. SALT TOLERANCE STUDIES ON SOME BAJRA (PENNISETUM TYPHOIDES) VARIETIES AT GERMINATION STAGE. J. INDIAN SOC. SOIL SCI. 19: 209-214. 1970. MILLET. PEARL; MILLET. AFRICAN GRAMINEAE; PENNISETUM TYPHOIDES. VARIETY. SODIUM ADSORPTION PERCENTAGE. SODIUM CHLORIDE GERMINATION. EMERGENCE

1329. MALIWAL, G. L.; PALIWAL, K. V. SALT TOLERANCE STUDIES ON SOME VARIETIES OF WHEAT (TRITICUM SATIVUM) AND BARLEY (HORDEUM VULGARE) AT GERMINATION STAGE. INDIAN J. PLANT PHYSIOL. 10: 26-35. 1967. WHEAT; BARLEY GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE. GERMINATION DISHES VARIETY, SODIUM ADSORPTION PERCENTAGE, SODIUM, CHLORIDE GERMINATION
1330. MALIWAL, G. L.; SANGHI, A. K.; PALIWAL, K. V.; SHARMA, H. N. GERMINATING CAPACITY OF SOME MAIZE OPEN POLLINATED VARIETIES, INBREDS, HYBRIDS, SYNTHETICS AND COMPOSITES IN SALINE SUBSTRATE. INDIAN J. AGRIC. RES. 9: 83-86. 1975. CORN GRAMINEAE: ZEA MAYS. SAND. GERMINATION DISHES SODIUM, CALCIUM, CHLORIDE, VARIETY, CULTIVAR, HYBRID SALT TOLERANCE, GERMINATION
1331. MALLOCH, A. J. C. SALT-SPRAY DEPOSITION ON THE MARITIME CLIFFS OF THE LIZARD PENINSULA. J. ECOL. 60: 103-112. 1972. ROSACEAE: PRUNUS SPINOSA, CRATAEGUS MONOGYNA; GRAMINEAE: FESTUCA RUBRA; CAPRIFOLIACEAE: LONICERA PERICLYMENUM, LONICERA FUCHSIA, SAMBUCUS NIGRA; COMPOSITAE: PULICARIA DYSENTERICA, SENECIO JACOBAEA, ACHILLEA MILLEFOLIUM; POLYPODIACEAE: PTERIDIUM AQUILINUM; URTICACEAE: URTICA DIOICA; LEGUMINOSAE: TRIFOLIUM PRAENSE, ONONIS REPENS; MALVACEAE: LAVATERA ARBOREA; PLANTAGINACEAE: PLANTAGO CORONOPUS. FIELD SALT SPRAY VEGETATIVE GROWTH
1332. MANCHANDA, H. R.; BHANDARI, D. K. EFFECT OF PRE-SOAKING OF SEEDS IN SALT SOLUTIONS ON THE YIELD OF WHEAT AND BARLEY IRRIGATED WITH HIGHLY SALINE WATERS. J. INDIAN SOC. SOIL SCI. 24: 432-435. 1976. WHEAT; BARLEY GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE. FIELD PLOT SALINE WATER, SEED PRETREATMENT, SODIUM, CHLORIDE, SULFATE GRAIN YIELD
1333. MANDY, G.; PAL, G. THE EFFECT OF TREATMENT WITH SALT SOLUTIONS ON SEED GERMINATION IN SOME VARIETIES OF RYE, OATS AND SUNFLOWER. (HUN: ENG SUM). NOVENYTERMELES 9: 343-358. 1961. RYE; OATS; SUNFLOWER; WHEAT GRAMINEAE: SECALE CEREALE, TRITICUM AESTIVUM, AVENA SATIVA; COMPOSITAE: HELIANTHUS ANNUUS. GROWTH CHAMBER, GERMINATION DISHES SODIUM, CHLORIDE, POTASSIUM, NITRATE GERMINATION
1334. MANOHAR, M. S. EFFECT OF OSMOTIC SYSTEMS ON GERMINATION OF PEAS (PISUM SATIVUM L.). PLANTA 71: 81-86. 1966. PEA LEGUMINOSAE: PISUM SATIVUM. GERMINATION DISHES SODIUM, CHLORIDE, GLYCEROL, MANNITOL, POLYETHYLENE GLYCOL GERMINATION, OSMOTIC POTENTIAL
1335. MARSDEN, D. H.; CLARK, H. S.; DEMARADZKI, J. S.; MASPERO, J. EFFECT OF WINTER APPLICATIONS OF SALT TO THE SOIL NEAR TREES. MASS. AGRIC. EXPT. STA. ANN. REPT. 1952-53, BULL. 475: 79. 1953. TREE FIELD, SOIL SODIUM, CHLORIDE, CALCIUM LEAF INJURY, ECOLOGY
1336. MARSHALL, G. B. SOME OBSERVATIONS ON THE TOLERANCE OF SALINITY BY CEREAL CROPS IN SASKATCHEWAN. SCI. AGRIC. 22: 492-502. 1942. WHEAT; BARLEY; OATS GRAMINEAE: TRITICUM AESTIVUM, AVENA SATIVA, HORDEUM VULGARE. FIELD PLOT, SOIL SALINE SOIL, SULFATE, SODIUM, MAGNESIUM, CALCIUM SALT TOLERANCE
1337. MARTENS, D. C.; CARTER, M. T.; JONES, G. D. RESPONSE OF SOYBEANS FOLLOWING SIX ANNUAL APPLICATIONS OF VARIOUS LEVELS OF BORON, COPPER AND ZINC. AGRON. J. 66: 82-84. 1974. SOYBEAN LEGUMINOSAE: GLYCINE MAX. SOIL, FIELD BORON, COPPER, ZINC VEGETATIVE GROWTH, TOXICITY, NUTRITION
1338. MARTIN, P. C.; FRANK, J. R. INCREASING TOLERANCE OF SOYBEAN PLANTS TO SOME SOLUBLE SALTS THROUGH APPLICATION OF PLANT GROWTH-RETARDANT CHEMICALS. J. AGRIC. AND FOOD CHEM. 9: 359-361. 1961. SOYBEAN LEGUMINOSAE: GLYCINE MAX. POT, SOIL, COMPOST GROWTH REGULATOR, AMO-1618, PHOSFON, (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE, FERTILIZER SALT TOLERANCE, VEGETATIVE GROWTH
1339. MARTIN, J. P.; BINGHAM, F. T. EFFECT OF VARIOUS EXCHANGEABLE CATION RATIOS IN SOILS ON GROWTH AND CHEMICAL COMPOSITION OF AVOCADO SEEDLINGS. SOIL SCI. 78: 349-360. 1954. AVOCADO LAURACEAE: PERSEA AMERICANA. SOIL, POT EXCHANGEABLE SODIUM PERCENTAGE, EXCHANGEABLE POTASSIUM PERCENTAGE, EXCHANGEABLE CALCIUM PERCENTAGE, CALCIUM, CARBONATE VEGETATIVE GROWTH, MINERAL COMPOSITION
1340. MARTIN, J. P.; BINGHAM, F. T. GROWTH OF AVOCADO SEEDLINGS INDIVIDUAL PLANTS VARY IN SUSCEPTIBILITY TO INJURY BY

- CXONCENTRATIONS OF SODIUM OR POTASSIUM IN SOIL. CALIF. AGRIC. 8: 7, 12, 1954. AVOCADO LAURACEAE: PERSEA AMERICANA. POT. SOIL CALCIUM, MAGNESIUM, POTASSIUM, SODIUM SEEDLING GROWTH, LEAF INJURY
1341. MARTIN, J. P.; BITTERS, W. P.; ERVIN, J. O. INFLUENCE OF EXCHANGEABLE NA AND K AND OF EXCESS LIME ON GROWTH AND CHEMICAL COMPOSITION OF TRIFOLIATE ORANGE SEEDLINGS. PROC. AMER. SOC. HORT. SCI. 74: 308-312, 1959. ORANGE; RADISH; LETTUCE RUTACEAE: CITRUS SINENSIS; CRUCIFERAE: RAPHANUS SATIVUS; COMPOSITAE: LACTUCA SATIVA. SOIL, POT CALCIUM, EXCHANGEABLE SODIUM PERCENTAGE, EXCHANGEABLE POTASSIUM PERCENTAGE, CARBONATE SEEDLING GROWTH, MINERAL COMPOSITION
1342. MARTIN, J. P.; ERVIN, J. O. EFFECT OF DEGREE OF BASE SATURATION ON TOLERANCE OF AVOCADO SEEDLINGS TO EXCHANGEABLE NA AND K IN THE SOIL. SOIL SCI. 83: 265-271, 1957. AVOCADO LAURACEAE: PERSEA AMERICANA. SOIL, POT EXCHANGEABLE SODIUM PERCENTAGE, EXCHANGEABLE POTASSIUM PERCENTAGE VEGETATIVE GROWTH, MINERAL COMPOSITION
1343. MARTIN, J. P.; ERVIN, J. O.; SHEPHERD, R. A. INFLUENCE OF EXCHANGEABLE NA AND K AT DIFFERENT BASE SATURATION LEVELS ON GROWTH AND COMPOSITION OF CITRUS PLANTS. SOIL SCI. 91: 273-279, 1961. CITRUS RUTACEAE: CITRUS. SOIL, POT EXCHANGEABLE SODIUM PERCENTAGE, EXCHANGEABLE POTASSIUM PERCENTAGE, BASE SATURATION VEGETATIVE GROWTH, MINERAL COMPOSITION
1344. MARTIN, J. P.; HARDING, R. B.; MURPHY, W. S. EFFECTS OF VARIOUS SOIL EXCHANGEABLE CATION RATIOS ON GROWTH AND CHEMICAL COMPOSITION OF CITRUS PLANTS. SOIL SCI. 76: 285-295, 1953. CITRUS; TOMATO; BARLEY RUTACEAE: CITRUS; SOLANACEAE: LYCOPERSICON ESCULENTUM; GRAMINEAE: HORDEUM VULGARE. POT, SOIL, GREENHOUSE EXCHANGEABLE POTASSIUM PERCENTAGE, EXCHANGEABLE SODIUM PERCENTAGE, FERTILIZER CALCIUM UPTAKE, MINERAL COMPOSITION, VEGETATIVE GROWTH
1345. MARTIN, J. P.; JONES, W. W.; ERVIN, J. O. INFLUENCE OF EXCHANGEABLE K AND NA IN THE SOIL ON GROWTH AND CHEMICAL COMPOSITION OF LOVELL PEACH SEEDLINGS AND OTHER CROPS. AGRON. J. 51: 418-421, 1959. PEACH; ONION; CARROT; RADISH; VETCH; ALFALFA AMARYLLIDACEAE: ALLIUM CEPA; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; ROSACEAE: PRUNUS PERSICA; CRUCIFERAE: RAPHANUS SATIVUS; LEGUMINOSAE: MEDICAGO SATIVA, VICIA SATIVA. POT, SOIL SODIUM, POTASSIUM, VINYL ACETATE-MALEIC ACID VEGETATIVE GROWTH, MINERAL COMPOSITION
1346. MARTIN, M. P.; JONES, W. W. GREENHOUSE PLANT RESPONSE TO VINYL-ACETATE-MALEIC ACID COPOLYMER IN NATURAL SOILS AND IN PREPARED SOILS CONTAINING HIGH PERCENTAGES OF SODIUM OR POTASSIUM. SOIL SCI. 78: 317-324, 1954. AVOCADO; TOMATO; BEET; ORANGE; CARROT; ALFALFA; RADISH; PEACH; LETTUCE LAURACEAE: PERSEA AMERICANA; SOLANACEAE: LYCOPERSICON ESCULENTUM; CHENOPODIACEAE: BETA VULGARIS; RUTACEAE: CITRUS SINENSIS; ROSACEAE: PRUNUS PERSICA; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; COMPOSITAE: LACTUCA SATIVA; CRUCIFERAE: RAPHANUS SATIVUS; LEGUMINOSAE: MEDICAGO SATIVA. POT, SOIL, GREENHOUSE VINYL ACETATE-MALEIC ACID, EXCHANGEABLE SODIUM PERCENTAGE, EXCHANGEABLE POTASSIUM PERCENTAGE VEGETATIVE GROWTH, MINERAL COMPOSITION
1347. MARZO MUNOZ-COBO, M. T.; DE LANUZA, J. M. LA NUTRICION DE PLANTITAS DE PINUS RADIATA EN ESTADOS DE TOXICIDAD DE BORO. THE NUTRITION OF PINUS RADIATA SEEDLINGS UNDER BORON TOXIC CONDITIONS. (SPA; ENG SUM). AN. EDAFOL. AGROBIOL. 29: 391-399, 1970. PINE, MONTEREY PINACEAE: PINUS RADIATA. WATER CULTURE BORON, NITROGEN, PHOSPHORUS, POTASSIUM, CALCIUM, MAGNESIUM, COPPER, ZINC, IRON, MANGANESE MINERAL COMPOSITION
1348. MARZO MUNOZ-COBO, M. T.; LANUZA, J. M. LA NUTRICION DE PLANTITAS DE PINUS RADIATA EN ESTADOS DE TOXICIDAD DE BORO. THE NUTRITION OF "PINUS RADIATA" SEEDLINGS UNDER BORON-TOXIC CONDITIONS. (SPA). AN. EDAFOL. AGROBIOL. 29: 391-399, 1970. PINE, MONTEREY PINACEAE: PINUS RADIATA. WATER CULTURE BORON TOXICITY, NUTRITION
1349. MASAKI, T.; KAGEYAMA, M. STUDIES ON THE PRODUCTIVITY OF VEGETABLE CROPS UNDER PLASTIC GREENHOUSE. VIII. EARLY GROWTH OF CUCUMBER PLANTS AT VARIOUS LEVELS OF SALT CONCENTRATIONS IN SOILS AT DIFFERENT GROWING SEASONS. (JAP; ENG SUM). BULL. HORT. RES. STA. 12: 153-162, 1972. CUCUMBER CUCURBITACEAE: CUCUMIS SATIVUS. GREENHOUSE, POT, SOIL FERTILIZER, AMMONIUM, SULFATE, SUPERPHOSPHATE, POTASSIUM, CALCIUM, TEMPERATURE VEGETATIVE GROWTH
1350. MASAYA, K. PHYSIOLOGICAL AND ECOLOGICAL STUDIES ON SALT INJURY TO PINE TREES GROWING NEAR COASTAL SAND DUNE. (JAP; ENG SUM). BULL. NAGOYA UNIV. FORESTS 2: 95 PP. 1962. PINE PINACEAE: PINUS THUNBERGII. SOIL, SAND SODIUM,

CHLORIDE TRANSPIRATION, RESPIRATION, VEGETATIVE GROWTH

1351. MASON, G. F.; GUTTRIDGE, C. G. THE ROLE OF CALCIUM, BORON AND SOME DIVALENT IONS IN LEAF TIPBURN OF STRAWBERRY. SCI. HORT. 2: 299-308. 1974. STRAWBERRY ROSACEAE: FRAGARIA ANANASSA. POT. GROWTH CHAMBER. GREENHOUSE. SAND CALCIUM, BORON CALCIUM UPTAKE, BORON UPTAKE, LEAF INJURY
1352. MASSEY, D. M.; WINSOR, G. W. SOIL SALINITY STUDIES. II. THE RELATION OF PLANT GROWTH TO SALINITY IN SOIL AND SOIL MIXTURES OF DIFFERING PHYSICAL PROPERTIES. J. SCI. FD. AGRIC. 19: 332-338. 1968. LETTUCE COMPOSITAE: LACTUCA SATIVA. SOIL. GREENHOUSE CALCIUM, SULFATE. POTASSIUM, NITRATE, SODIUM VEGETATIVE GROWTH
1353. MASUI, M.; MIZUTA, S. STUDIES ON THE ABSORPTION OF NUTRIENT ELEMENTS BY MUSKMELON. IV. GROWTH INJURY ON MUSKMELON AS RELATED TO APPLICATION OF SALINE WATER AND CALCIUM. (JAP; ENG SUM). J. JPN. SOC. HORT. SCI. 35: 127-133. 1966. MUSKMELON CUCURBITACEAE: CUCUMIS MELO. SOIL. FIELD PLOT SODIUM, CHLORIDE, CALCIUM VEGETATIVE GROWTH, CROP QUALITY
1354. MATAR, Y.; DOERING, H. W.; MARSCHNER, H. AUSWIRKUNGEN VON NaCl UND Na₂SO₄ AUF SUBSTANZBILDUNG, MINERALSTOFFGEHALT UND INHALTSSTOFFE BEI SPINAT UND SALAT. EFFECT OF SODIUM CHLORIDE AND SODIUM SULFATE ON DRY MATTER PRODUCTION, MINERAL CONTENT, AND ORGANIC COMPOUNDS OF SPINACH AND LETTUCE. (GER; ENG SUM). Z. PFLANZENNAEHR BODENK 3: 295-307. 1975. SPINACH; LETTUCE COMPOSITAE: LACTUCA SATIVA; CHENOPODIACEAE: SPINACIA OLERACEA. WATER CULTURE SODIUM, CHLORIDE, SULFATE MINERAL COMPOSITION, CARBOHYDRATE METABOLISM
1355. MATUKHIN, G. R. INFLUENCE OF SOIL SALINITY UPON THE GROWTH OF OAK SEEDLINGS. (RUS). MOSCOW GLAV. BOT. SAD. 8. 13. 19-23 1952. OAK FAGACEAE: QUERCUS ROBUR. POT. SOIL CHLORIDE, SULFATE, SODIUM VEGETATIVE GROWTH, LEAF INJURY
1356. MATUKHIN, G. R.; BOYKO, L. A. CHLORIDE CONTENT OF PLANTS IN THE PROCESS OF ADAPTATION TO SOIL SALINITY. (RUS). UCHEN. ZAP. ROSTOV-NA-DONY GOS. UNIV. 28: 79-84. 1957. BARLEY; MILLET; TOMATO GRAMINEAE: HORDEUM VULGARE. ELEusine; SOLANACEAE: LYCOPERSICON ESCULENTUM. GREENHOUSE, SOIL CHLORIDE CHLORIDE UPTAKE
1357. MATUKHIN, G. R.; ZHUKOVSKAYA, N. V. EFFECT OF DIFFERENT TYPES OF SOIL SALINITY ON OXIDATIVE PHOSPHORYLATION COUPLING IN PLANTS. (RUS; ENG SUM). SEL'KHOZ. BIOL. 2: 85-89. 1967. SUNFLOWER; BARLEY COMPOSITAE: HELIANTHUS; GRAMINEAE: HORDEUM VULGARE. SAND SODIUM, CHLORIDE, SULFATE, DINITROPHENOL RESPIRATION, OXIDATIVE PHOSPHORYLATION, NUCLEOTIDE, GLYCOLYSIS
1358. MATUKHIN, G. R.; ZHUKOVSKAYA, N. V.; GOMZHINA, S. I. INFLUENCE OF DIFFERENT TYPES OF SALINIZATION UPON THE ACCUMULATION OF FREE NUCLEOTIDES IN BARLEY. SOVIET PLANT PHYSIOL. 15: 167-172. 1968. BARLEY GRAMINEAE: HORDEUM VULGARE. GREENHOUSE, POT. SOIL CHLORIDE, SULFATE GENETIC INTERACTION
1359. MAYBERRY, K. S. SALT BURN? SOIL SALINITY. CONTROL PLANT INJURIES. IMP. AGRIC. BRIEFS UNIV. CALIF. AGRIC. EXT. SERV. 1973: 2-3. 1973. ALFALFA; BARLEY; BERMUDA GRASS; BROCCOLI; CABBAGE; CARROT; CITRUS; COTTON; LETTUCE; MUSKMELON; ONION; RYEGRASS; SAFFLOWER; SORGHUM; BEET SUGAR; TOMATO; WHEAT GRAMINEAE: HORDEUM VULGARE, CYNODON DACTYLON, LOLIUM PERENNE, SORGHUM VULGARE, TRITICUM AESTIVUM; CHENOPODIACEAE: BETA VULGARIS; CRUCIFERAE: BRASSICA OLERACEA VAR ITALICA, BRASSICA OLERACEA VAR CAPITATA; COMPOSITAE: CARTHAMUS TINCTORIUS, LACTUCA SATIVA; MALVACEAE: GOSSYPIUM; CUCURBITACEAE: CUCUMIS MELO; LEGUMINOSAE: MEDICAGO SATIVA; AMARYLLIDACEAE: ALLIUM CEPA; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; SOLANACEAE: LYCOPERSICON ESCULENTUM; RUTACEAE: CITRUS.
1360. MAYER, F. L., JR. INFLUENCE OF SALINITY ON FRUIT SIZE IN RUPPIA MARITIMA L. PROC. UTAH ACAD. SCI. ARTS LETT. 46: 140-143. 1969. WIDGEON GRASS RUPPIACEAE: RUPPIA MARITIMA. POT SODIUM, CHLORIDE VEGETATIVE GROWTH, GERMINATION, FRUIT QUALITY
1361. MAYER, F. L., JR.; LOW, J. B. THE EFFECT OF SALINITY ON WIDGEONGRASS. J. WILDL. MANAGE. 34: 658-661. 1970. WIDGEON GRASS RUPPIACEAE: RUPPIA MARITIMA. GREENHOUSE, WATER CULTURE, POT. SOIL CALCIUM, CHLORIDE, SODIUM GERMINATION, VEGETATIVE GROWTH, SALT TOLERANCE

1362. MCCALL, W. W.; STINSON, R. F.; LINDSTROM, P. S. SOLUBLE SALT STUDIES WITH GREENHOUSE FLORICULTURE PLANTS: A PRELIMINARY REPORT. MICH. AGRIC. EXPT. STA. QUART. BULL. 41: 798-804. 1959. VIOLET, AFRICAN; AMARYLLIS; BEGONIA; CALCEOLARIA; CHINESE EVERGREEN; CINERARIA; PILEA; POINSETTIA; PRIMULA; ROSE; CHRYSANTHEMUM; COLEUS; GERANIUM; PEPEROMIA; PETUNIA; PHILODENDRON; SANSEVIERIA AMARYLLIDACEAE; AMARYLLIS; LABIATAE; COLEUS; BEGONIACEAE; BEGONIA; GERANIACEAE; GERANIUM; SCROPHULARIACEAE; CALCEOLARIA; COMPOSITAE; CHRYSANTHEMUM, CINERARIA; PIPERACEAE; PEPEROMIA; SOLANACEAE; PETUNIA HYBRIDA; ACERACEAE; PHILODENDRON CORDATUM; URTICACEAE; PILEA; EUPHORBIACEAE; EUPHORBIA; PRIMULACEAE; PRIMULA; ROSACEAE; ROSA; AGAVACEAE; SANSEVIERIA; GESNERIACEAE; SAINTPAULIA IONANTHA; ARACEAE; AGLAONEMA MODESTUM. GREENHOUSE, SOIL FERTILIZER VEGETATIVE GROWTH, LEAF INJURY
1363. MCCONNELL, D. B.; JOHNSON, C. R.; JOINER, J. N. SALT TOLERANCE OF LIVISTONA CHINENSIS. PROC. FLA. STATE HORT. SOC. 89: 303-305. 1976. PALM, CHINESE FAN PALMAE; LIVISTONA CHINENSIS. WATER CULTURE, POT SODIUM, MAGNESIUM, CHLORIDE MINERAL COMPOSITION, VEGETATIVE GROWTH
1364. MCCUNE, D. C.; SILBERMAN, D. H.; MANDL, R. H.; WEINSTEIN, L. H.; FREUDENTHAL, P. C.; GIARDINA, P. A. STUDIES ON THE EFFECTS OF SALINE AEROSOLS OF COOLING TOWER ORIGIN ON PLANTS. J. AIR POLLUT. CONTROL ASSOC. 27: 319-324. 1977. WITCH-HAZEL; GOLDEN-RAIN TREE; MAPLE, RED; SILK TREE; LOCUST, BLACK; OAK, CHESTNUT; FORSYTHIA; DOGWOOD, FLOWERING; ASH, WHITE; PINE, EASTERN WHITE; HEMLOCK, CANADIAN; BEAN; GOLDEN-BELLS; VARNISH TREE LEGUMINOSAE; PHASEOLUS VULGARIS, ALBIZIA JULIBRISSIN ROSEA, ROBINIA PSEUDOACACIA; HAMAMELIDACEAE; HAMAMELIS VIRGINIANA; SAPINDACEAE; KOELREUTERIA PANICULATA; ACERACEAE; ACER PUBRUM; FAGACEAE; QUERCUS PRINUS; OLEACEAE; POPSYTHIA INTERMEDIA SPECTABILIS, FRAXINUS AMERICANA; CORNACEAE; CORNUS FLORIDA; PINACEAE; TSUGA CANADENSIS, PINUS STROBUS. GREENHOUSE, POT, SOIL, COOLING TOWER SALT SPRAY LEAF INJURY, CHLORIDE UPTAKE
1365. MCELGUNN, G. D.; LAWRENCE, T. SALINITY TOLERANCE OF ALTAI WILD RYE GRASS AND OTHER FORAGE GRASSES. CAN. J. PLANT SCI. 53: 303-307. 1973. WILD RYE, ALTAI; WHEATGRASS, TALL; WHEATGRASS, SLENDER; WILD RYE, RUSSIAN; BROMEGRASS; CANARY GRASS, REED GRAMINEAE; ELYMUS ANGUSTUS, AGROPYRON ELONGATUM, AGROPYRON TRACHYCAULUM, ELYMUS JUNCUS, BROMUS INERMIS, PHALARIS ARUNDINACEA. GROWTH CHAMBER, POT, SOIL SALINE SOIL EMERGENCE, SALT TOLERANCE
1366. MCELGUNN, G. D.; LAWRENCE, T. THE SALINITY TOLERANCE OF ALTAI WILD RYE GRASS AND 5 OTHER FORAGE GRASSES. NEV. AGRIC. EXPT. STA. SERIES T 14: 6. 1972. WILD RYE, ALTAI; WHEATGRASS, SLENDER; CANARY GRASS, REED; WHEATGRASS, TALL; WILD RYE, RUSSIAN; BROMEGRASS, SMOOTH GRAMINEAE; ELYMUS ANGUSTUS, AGROPYRON ELONGATUM, AGROPYRON TRACHYCAULUM, ELYMUS JUNCUS, BROMUS INERMIS, PHALARIS ARUNDINACEA. EMERGENCE, SALT TOLERANCE
1367. MCEVOY, E. T. INTERACTION OF SODIUM AND POTASSIUM ON GROWTH AND MINERAL CONTENT OF FLUE-CURED TOBACCO. CAN. J. AGRIC. SCI. 35: 294-299. 1955. TOBACCO SOLANACEAE; NICOTIANA TABACUM. SAND, POT SODIUM, POTASSIUM VEGETATIVE GROWTH, MINERAL COMPOSITION, SODIUM UPTAKE, POTASSIUM UPTAKE
1368. MCGINNIES, W. J. EFFECTS OF MOISTURE STRESS AND TEMPERATURE ON GERMINATION OF SIX RANGE GRASSES. AGRON. J. 52: 159-162. 1960. BROMEGRASS, LINCOLN SMITH; GRAMA, BLUE; LOVEGRASS, SAND; WHEATGRASS, PUBESCENT; WHEATGRASS, INTERMEDIATE; WHEATGRASS, BEARDLESS; WHEATGRASS, CRESTED; WILD RYE, RUSSIAN GRAMINEAE; AGROPYRON DESERTORUM, AGROPYRON INTERMEDIUM, AGROPYRON TRICHOPHORUM, AGROPYRON INERME, BROMUS INERMIS, ELYMUS JUNCUS, BOUTELOUA GRACILIS, ERAGROSTIS TRICHODES. POT TEMPERATURE, MANNITOL, OSMOTIC PRESSURE GERMINATION
1369. MCMILLAN, C. SALT TOLERANCE OF MANGROVES AND SUBMERGED AQUATIC PLANTS. IN ECOLOGY OF HALOPHYTES, R. J. REIMOLD AND W. H. QUEEN (EDS.), ACADEMIC PRESS, N. Y.: 379-390. 1974. MANGROVE; SEAGRASS AVICENNIACEAE; AVICENNIA GERMINANS; CYMODOCEAE; CYMODOCEA, HALODULE; RUPPIACEAE; RUPPIA; HYDROCHARITACEAE; THALASSIA, HALOPHILA. POT, SOIL VARIETY, SEA WATER SALT TOLERANCE, VEGETATIVE GROWTH
1370. MCMILLAN, C. SALT TOLERANCE WITHIN A TYPHA POPULATION. AMER. J. BOT. 46: 521-526. 1959. TYPHA; CATTAIL TYPHACEAE; TYPHA ANGUSTIFOLIA, TYPHA LATIFOLIA. GREENHOUSE, POT, SOIL SODIUM, CHLORIDE SALT TOLERANCE, GERMINATION, ECOLOGY
1371. MCNAUGHT, K. J. HIGH CONTENTS OF SOLUBLE SALTS IN SOILS CAUSE DECLINE IN YIELDS FROM GLASSHOUSE TOMATOES. NEW ZEALAND J. AGRIC. 91: 258-264. 1955. TOMATO SOLANACEAE; LYCOPERSICON ESCULENTUM. GREENHOUSE, SOIL SALINE

SOIL VEGETATIVE GROWTH

1372. MCNAUGHT, K. J.; HOUSTON, B. J. EXCESS SOLUBLE SALTS IN GLASSHOUSE TOMATO SOILS. NEW ZEALAND J. SCI. AND TECHNOL. 38: 449-465. 1956. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. SOIL, GREENHOUSE OSMOTIC PRESSURE WATER CONTENT, OSMOTIC POTENTIAL
1373. MCNULTY, I. EFFECT OF SALT CONCENTRATION ON THE GROWTH AND METABOLISM OF A SUCCULENT HALOPHYTE. PHYSIOL. SYST. SEMIARID ENVIRON. SEMIN., C. C. HOFF (ED.), UNIV. N. MEX. PRESS: 255-262. 1969. GREASEWOOD CHENOPODIACEAE: SARCOBATUS VERMICULATUS. WATER CULTURE SODIUM, CHLORIDE, POTASSIUM, SULFATE, OSMOTIC PRESSURE VEGETATIVE GROWTH, PHOTOSYNTHESIS, RESPIRATION, SUCCULENCE
1374. MCPHIE, G. L. THREE SUCCESSFUL SALT TOLERANT PLANTS. S. AUST. J. AGRIC. 76: 5-8. 1973. PUCCINELLA; WHEATGRASS, TALL; COUCH GRASS, SALT WATER GRAMINEAE: PUCCINELLIA CAPILLARIS, AGROPYRON ELONGATUM, PASPALUM VAGINATUM, SALT TOLERANCE
1375. MEHRAD, B. EFFECT OF SOIL SALINITY ON SUGARCANE CULTIVATION AT HAFT TAPPEH, IRAN. INT. SOC. SUGAR, CANE TECHNOL. PROC. CONGR. 13TH: 746-755. 1969. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. FIELD, SOIL SALINE SOIL VEGETATIVE GROWTH, LEAF WATER CONTENT, CROP QUALITY
1376. MEHROTRA, C. L. WATER QUALITY AND USE OF SALINE WATER FOR CROP GROWTH IN UTTAR PRADESH. J. INDIAN SOC. SOIL SCI. 17: 441-445. 1969. TOBACCO SOLANACEAE: NICOTIANA TABACUM. FIELD, SOIL BRACKISH WATER, NITROGEN VEGETATIVE GROWTH
1377. MEHROTRA, C. L.; GANGWAR, B. R. STUDIES ON SALT AND ALKALI TOLERANCE OF SOME IMPORTANT AGRICULTURAL CROPS OF UTTAR PRADESH. J. INDIAN SOC. SOIL SCI. 12: 75-84. 1964. RICE; CORN; MILLET, PEARL; COTTON; DHAINCHA; BEAN, MUNG; KODON; SORGHUM; CAJAN; SUNN HEMP; GRAM, BLACK; BEAN, CASTOR; LENTIL; WHEAT; BARLEY; OATS; CLOVER, BERSEEM; PEA, CHICK; PEA; MUSTARD, YELLOW; FLAX; MILLET, AFRICAN GRAMINEAE: ZEA MAYS, TRITICUM AESTIVUM, HORDEUM VULGARE, AVENA SATIVA, ANDROPOGON SORGHUM, PENNISETUM TYPHOIDES, ELEusine CORACANA, PASPALUM SCROBIUCULATUM, ORYZA SATIVA; EUPHORBACEAE: RICINUS COMMUNIS; LEGUMINOSAE: PISUM SATIVUM, CICER ARIETINUM, TRIFOLIUM ALEXANDRINUM, PHASEOLUS AUREUS, PHASEOLUS MUNGO, CAJANUS INDICUS, SESBANIA ACULEATA, CROTALARIA JUNCSEA, LENS ESCULENTA; PEDALIACEAE: SESAMUM ORIENTALE; MALVACEAE: GOSSYPIUM HERBACEUM; CRUCIFERAE: BRASSICA NIGRA; LINACEAE: LINUM USITATISSIMUM. POT, SOIL SALINE SOIL, ALKALI SOIL GERMINATION, VEGETATIVE GROWTH
1378. MEHTA, B. V.; DESAI, R. S. EFFECT OF SOIL SALINITY ON GERMINATION OF SOME SEEDS. J. SOIL WATER CONSERV. INDIA 6: 168-176. 1959. MILLET, PEARL; TOBACCO; COTTON; BEAN, HYACINTH; TOMATO; GUAR; CABBAGE; PEA SOLANACEAE: NICOTIANA TABACUM, LYCOPERSICON ESCULENTUM; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA; LEGUMINOSAE: DOLICHOS LABLAB, CYAMOPSIS PSORALOIDES, PISUM SATIVUM; MALVACEAE: GOSSYPIUM HERBACEUM; GRAMINEAE: PENNISETUM TYPHOIDES. SOIL, GERMINATION DISHES SODIUM, CHLORIDE, CALCIUM GERMINATION, EMERGENCE
1379. MEHTA, B. V.; DESAI, R. S. SALT TOLERANCE STUDIES: EFFECT OF SOIL SALINITY ON THE GROWTH AND CHEMICAL COMPOSITION OF PLANTS. PART I. J. SOIL WATER CONSERV. INDIA 7: 101-105. 1959. COTTON; TOBACCO; TOMATO; CABBAGE; PEA; MILLET, PEARL; GUAR; BEAN, HYACINTH LEGUMINOSAE: CYAMOPSIS PSORALOIDES, DOLICHOS LABLAB, PISUM SATIVUM; SOLANACEAE: LYCOPERSICON ESCULENTUM, NICOTIANA TABACUM; MALVACEAE: GOSSYPIUM HERBACEUM; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA; GRAMINEAE: PENNISETUM TYPHOIDES. POT, SOIL SODIUM, CALCIUM, CHLORIDE LEAF INJURY, VEGETATIVE GROWTH
1380. MEHTA, B. V.; DESAI, R. S. SALT TOLERANCE STUDIES: EFFECT OF SOIL SALINITY ON THE GROWTH AND CHEMICAL COMPOSITION OF PLANTS. PART II. J. SOIL WATER CONSERV. INDIA 7: 106-115. 1959. COTTON; TOBACCO; TOMATO; CABBAGE; PEA; MILLET, PEARL; GUAR; BEAN, HYACINTH LEGUMINOSAE: CYAMOPSIS PSORALOIDES, DOLICHOS LABLAB, PISUM SATIVUM; SOLANACEAE: LYCOPERSICON ESCULENTUM, NICOTIANA TABACUM; MALVACEAE: GOSSYPIUM HERBACEUM; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA; GRAMINEAE: PENNISETUM TYPHOIDES. POT, SOIL SODIUM, CALCIUM, CHLORIDE MINERAL COMPOSITION
1381. MEIJERING, M. P. D. DILUTED SEA WATER AS A SUITABLE MEDIUM FOR ANIMALS AND PLANTS, WITH SPECIAL REFERENCE TO CLADOCERA AND AGROPYRON JUNCSEUM. IN SALINITY AND ARIDITY: NEW APPROACHES TO OLD PROBLEMS, H. BOYKO (ED.), W. JUNK

PUBLISHERS, THE HAGUE: 331-356, 1966. GRAMINEAE: AGROPYRON JUNCEUM. SAND, POT SEA WATER VEGETATIVE GROWTH, GERMINATION

1382. MEIRI, A.; KAMBUROFF, J.; POLJAKOFF-MAYBER, A. RESPONSE OF BEAN PLANTS TO SODIUM CHLORIDE AND SODIUM SULFATE SALINIZATION. ANN. BOT. 35: 837-847, 1971. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GROWTH CHAMBER, WATER CULTURE SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, WATER CONTENT, TRANSPIRATION, MINERAL COMPOSITION
1383. MEIRI, A.; MOR, E.; POLJAKOFF-MAYBER, A. EFFECT OF TIME OF EXPOSURE TO SALINITY ON GROWTH, WATER STATUS, AND SALT ACCUMULATION IN BEAN PLANTS. ANN. BOT. 34: 383-391, 1970. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT, WATER CULTURE LIGHT, SODIUM, CHLORIDE VEGETATIVE GROWTH, SODIUM UPTAKE, CHLORIDE UPTAKE, TRANSPIRATION
1384. MEIRI, A.; POLJAKOFF-MAYBER, A. THE EFFECT OF CHLORINE SALINITY ON GROWTH OF BEAN LEAVES IN THICKNESS AND IN AREA. ISRAEL J. BOT. 16: 115-123, 1967. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT, WATER CULTURE, GROWTH CHAMBER SODIUM, CHLORIDE VEGETATIVE GROWTH
1385. MEIRI, A.; POLJAKOFF-MAYBER, A. EFFECT OF VARIATIONS IN SUBSTRATE SALINITY ON THE WATER BALANCE AND IONIC COMPOSITION OF BEAN LEAVES. ISRAEL J. BOT. 18: 99-112, 1969. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT, WATER CULTURE SODIUM, CHLORIDE WATER CONTENT, WATER POTENTIAL, CALCIUM UPTAKE, CHLORIDE UPTAKE
1386. MEIRI, A.; POLJAKOFF-MAYBER, A. EFFECTS OF VARIOUS SALINITY REGIMES ON GROWTH, LEAF EXPANSION AND TRANSPIRATION RATE OF BEAN PLANTS. SOIL SCI. 109: 26-34, 1970. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT, WATER CULTURE, GROWTH CHAMBER SODIUM, CHLORIDE TRANSPIRATION, VEGETATIVE GROWTH
1387. MEIRI, A.; SHALHEVET, J. CROP GROWTH UNDER SALINE CONDITIONS. ECOLOGICAL STUDIES: ANALYSIS AND SYNTHESIS, VOL. 5. ARID ZONE IRRIGATION, YARON, B., DANFORS, E., VAADIA, Y. (EDS.), SPRINGER-VERLAG: NEW YORK, N. Y.: 277-290, 1973. SALT TOLERANCE
1388. MEIRI, A.; SHALHEVET, J. PEPPER PLANT RESPONSE TO IRRIGATION WATER QUALITY AND TIMING OF LEACHING. IN ECOLOGICAL STUDIES, 4. PHYSICAL ASPECTS OF SOIL WATER AND SALTS IN ECOSYSTEMS, HADAS, A., ET AL. (ED.), SPRINGER-VERLAG: 421-429, 1973. PEPPER SOLANACEAE: CAPSICUM FRUTESCENS. FIELD PLOT, WATER QUALITY SODIUM, CHLORIDE, CALCIUM, LEACHING VEGETATIVE GROWTH, FRUIT QUALITY, LEAF PERMEABILITY
1389. MEL'NIKOVA, M. K.; TAGAEV, S. R.; ZUBAREVA, I. F. ADMISSION OF SODIUM, CALCIUM AND CHLORIDE INTO COTTON PLANTS IRRIGATED WITH SOLUTIONS OF THE SEA WATER TYPE. SOVIET PLANT PHYSIOL. 19: 327-332, 1972. COTTON MALVACEAE: GOSSYPIUM. GREENHOUSE, SOIL, POT SEA WATER, SODIUM UPTAKE, CALCIUM UPTAKE, CHLORIDE UPTAKE, VEGETATIVE GROWTH
1390. MENCHIKOWSKY, F.; PUFFELES, M. THE RATIO OF CA, MG: K, NA AND THE CHLOROSIS OF GRAPEFRUIT TREES IN THE JORDAN VALLEY. HADAR 8: 161-164, 1935. GRAPEFRUIT RUTACEAE: CITRUS PARADISI. FIELD PLOT, SOIL SALINE SOIL, CHLORIDE MINERAL COMPOSITION, CHLOROSIS, LEAF INJURY
1391. MENGEL, K. MINERAL NUTRITION AND SALINITY TOLERANCE AS FACTORS IN CROP PRODUCTION. 1ST FAO/SIDA SEMINAR FOR PLANT SCIENTISTS FROM AFRICA AND NEAR EAST, CAIRO, EGYPT, 1-20 SEPT, 1973.
1392. MENLOVE, H. O. SODIUM CHLORIDE CONTAMINATION IN PINE TREES DETERMINED BY NEUTRON ACTIVATION TECHNIQUES. WATER AIR SOIL POLLUT. 2: 119-123, 1973. PINE PINACEAE: PINUS. FIELD DEICING SALT SODIUM UPTAKE, CHLORIDE UPTAKE
1393. MENNINGER, E. A. SALT BUSHES AND "THE RED CENTER" OF AUSTRALIA. AMER. FORT. MAG. 51: 6-9, 1972. BEEFWOOD: SEA GRAPE: YUCCA; SEA SAGE: GUM, RED: MULGA; CORKWOOD CASUARINACEAE: CASUARINA; POLYGONACEAE: COCCOLOBA UVIFERA; AGAVACEAE: YUCCA ALCIFOLIA; BORAGINACEAE: TOURNEFORTIA CNAPHALODES; LEGUMINOSAE: ACACIA ANEURA; PROTEACEAE: HAKEA LOREA, HAKEA IVORYI, HAKEA INTERMEDIA; MYRTACEAE: EUCALYPTUS CAMALDULENSIS. SALT SPRAY
1394. MENNINGER, E. A. SEASIDE PLANTS OF THE WORLD. A GUIDE TO PLANNING, PLANTING AND MAINTAINING SALT RESISTANT GARDENS. SEASIDE PLANTS OF THE WORLD. A GUIDE TO PLANNING, PLANTING AND MAINTAINING SALT RESISTANT GARDENS. HEARTSIDE PRESS,

NEW YORK. 303 PP. 1964. GROUND COVER; VINE; GRASS; HERB; SHRUB; TREE SALT SPRAY SALT TOLERANCE

1395. MERCADO, B. T. UBER DIE NA⁺CL-RESISTENZ VON BETA VULGARIS VAR. CRASSA, PHASEOLUS VULGARIS VAR. NANUS BZW. VULGARIS UND ZEA MAYS. ON NA⁺CL HARDINESS OF BETA VULGARIS VAR. CRASSA, PHASEOLUS VULGARIS VAR. NANUS AND VAR. VULGARIS, AND ZEA MAYS. (GER; ENG SUM). PROTOPLASMA 69: 151-170. 1970. BEET; BEAN; CORN CHENOPODIACEAE; BETA VULGARIS; LEGUMINOSAE; PHASEOLUS VULGARIS; GRAMINEAE; ZEA MAYS. SAID SODIUM, CHLORIDE VEGETATIVE GROWTH, OSMOTIC PRESSURE, SALT TOLERANCE
1396. MERCADO, B. T.; MALABAYABAS, C. THE RESPONSE OF SOME UPLAND RICE VARIETIES OF SODIUM CHLORIDE AT THE SEEDLING STAGE. PHILIPP. AGRIC. 53: 460-468. 1970. RICE GRAMINEAE; ORYZA SATIVA. WATER CULTURE, POT VARIETY, SODIUM, CHLORIDE SEEDLING GROWTH, SALT TOLERANCE
1397. MERCADO, B. T.; MALABAYABAS, C. A.; GUMASING, S. R. GROWTH OF SOME RICE VARIETIES IN SODIUM CHLORIDE SALINATED SOILS AS AFFECTED BY THE SEASON. PHILIPP. AGRIC. 58: 40-49. 1974. RICE GRAMINEAE; ORYZA SATIVA. SOIL, POT VARIETY, SODIUM, CHLORIDE, PRECIPITATION VEGETATIVE GROWTH, FLOWERING
1398. MERCADO, B. T.; RODRIN, L. L.; DILIG, A. D. GERMINATION AND SEEDLING PERFORMANCE OF RICE IN NA⁺CL SOLUTION. KALIKASAN PHILIPP. J. BIOL. 3: 179-186. 1974. RICE GRAMINEAE; ORYZA SATIVA. GERMINATION DISHES, WATER CULTURE SODIUM, CHLORIDE; SEED PRETREATMENT, VARIETY GERMINATION, VEGETATIVE GROWTH
1399. METHA, P. C.; PUNTAMKAR, S. S.; SETH, S. P. EFFECT OF POTASH ON WHEAT GROWN ON SALINE SOIL IRRIGATED WITH BRACKISH WATER. POTASH NEWSLETTER 9: 1-3. 1974. WHEAT GRAMINEAE; TRITICUM AESTIVUM. FIELD PLOT, SOIL SALINE SOIL, BRACKISH WATER, POTASSIUM, FERTILIZER, GYPSUM, VARIETY
1400. MIBASHAN, A. SURVEY OF LITERATURE ON THE INFLUENCE OF IONS ON PLANTS AND SOILS. B.S.I.R. P.O.B. 607. JERUSALEM: 1-46. 1948.
1401. MIGUNOVA, E. S. COMPARATIVE EVALUATION OF SALT TOLERANCE OF TREES AND SHRUBS. (RUS; ENG SUM). LESOVEDENIE (3): 50-56. 1976. TREE; SHRUB SOIL SODIUM, SULFATE, CARBONATE, WATER STRESS SALT TOLERANCE
1402. MILLER, F. V.; SUWANWONG, S. USE OF SALINE WATERS FOR IRRIGATION OF RICE. DEPT. AGRON. NORTH CAROLINA STATE UNIV., RALEIGH, N. C.: 33 PP. 1955. RICE GRAMINEAE; ORYZA SATIVA. GREENHOUSE, SOIL, POT VARIETY, SODIUM, CHLORIDE GERMINATION, VEGETATIVE GROWTH
1403. MILLER, G. W.; EVANS, H. J. THE INFLUENCE OF SALTS ON THE ACTIVITY OF PARTICULATE CYTOCHROME OXIDASE FROM ROOTS OF HIGHER PLANTS. PLANT PHYSIOL. 31: 357-364. 1956. SOYBEAN; TOBACCO; CATS; SPINACH LEGUMINOSAE; GLYCINE MAX; CHENOPODIACEAE; SPINACIA OLERACEA; SOLANACEAE; NICOTIANA TABACUM; GRAMINEAE; AVENA SATIVA. SAND, GREENHOUSE SODIUM, CHLORIDE, NITRATE, SULFATE, PHOSPHATE, CARBONATE, POTASSIUM, BROMIDE ENZYME ACTIVITY, CYTOCHROME OXIDASE
1404. MILLER, R. J.; DAVIS, R. M., JR. MARGINAL SOIL SALINITY IN CANTALOUPE PRODUCTION. PROC. AM. SOC. HORT. SCI. 92: 455-460. 1968. MUSKMELON CUCURBITACEAE; CUCUMIS MELO. FIELD PLOT POTASSIUM, CHLORIDE FRUIT YIELD, MINERAL COMPOSITION
1405. MILLINGTON, A. J.; BURVILL, G. H.; MARSH, B. A/B. SALT TOLERANCE, GERMINATION AND GROWTH TESTS UNDER CONTROLLED SALINITY CONDITIONS. J. DEPT. AGRIC. W. AUST. 28: 198-210. 1951. PASPALUM, SEASHORE; COUCH GRASS, SALT WATER; COUCH GRASS, COMMON; ALFALFA; RYEGRASS, CURLEY; RYEGRASS WIMMERA; BARLEY, SEA; MANGOLD; SALT BUSH, CREEPING; OATS, BARLEY; WHEAT; RYE GRAMINEAE; PASPALUM VAGINATUM, SPOROBOLUS VIRGINICUS, CYNODON DACTYLON, PHOLIURUS INCURVUS, LOLIUM RIGIDUM, HORDEUM MARINUM, AVENA SATIVA, TRITICUM AESTIVUM, HORDEUM VULGARE, SECALE CEREALE; LEGUMINOSAE; MEDICAGO SATIVA; CHENOPODIACEAE; BETA VULGARIS, ATRIPLEX SEMIBACCATA. SOIL, POT SODIUM, CHLORIDE GERMINATION, SALT TOLERANCE
1406. MINESSY, F. A.; EL-AZAB, E. M.; BARAKAT, M. A. EFFECT OF SALINITY AND DEPTH OF WATER TABLE ON THE MINERAL CONTENT OF WASHINGTON NAVEL ORANGE AND BALADY MANDARIN. I CONGRESSO MUNDIAL DE CITRICULTURA 1: 321-330. 1974. ORANGE,

- NAVEL; MANDARIN; ORANGE. SOUR RUTACEAE: CITRUS SINENSIS, CITRUS RETICULATA, CITRUS AURANTIUM. LYSIMETER. SOIL SCION. CALCIUM. SODIUM. CHLORIDE MINERAL COMPOSITION, CHLORIDE UPTAKE, SODIUM UPTAKE, CALCIUM UPTAKE, VEGETATIVE GROWTH
1407. MININBERG, S. YA.; ZU, L. EFFECT OF SOIL SALINIZATION AND MOLYBDENUM ON NITROGEN METABOLISM IN BEAN LEAVES. (RUS; ENG SUM). FIZIOL. BIOKHM. KULT. RAST. 6: 175-179. 1974. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. CHLORIDE, SODIUM, SULFATE, MOLYBDENUM NITROGEN METABOLISM, AMINO ACID
1408. MINORE, D. COMPARATIVE TOLERANCES OF LODGEPOLE PINE AND THIN-LEAVED HUCKLEBERRY TO BORON AND MANGANESE. USDA FOREST SERVICE RESEARCH NOTE. PACIFIC NORTHWEST FOR. AND RANGE EXPT. STA. PNW-253: 6 PP. 1975. PINE, LODGEPOLE; HUCKLEBERRY, THIN-LEAVED; HUCKLEBERRY, BLUE PINACEAE: PINUS CONTORTA; ERICACEAE: VACCINIUM MEMBRANACEUM. GREENHOUSE BORON, MANGANESE BORON TOLERANCE
1409. MIRKIN, B. M.; ANTIPOV, E. A.; SAGITOV, S. I. SALT TOLERANCE OF GLYCYRRHIZA GLABRA. RASIT. RESUR. 7: 417-420. 1971. LICORICE LEGUMINOSAE: GLYCYRRHIZA GLABRA. FIELD, SOIL SALINE SOIL ECOLOGY
1410. MISHRA, B.; SARIN, M. N.; BHUMBLA, D. R. DWARF RICE FOR SALINE-SODIC SOILS. INDIAN FARMING 22: 23-26. 1973. RICE GRAMINEAE: ORYZA SATIVA. FIELD PLOT, SOIL VARIETY, SALINE SOIL SALT TOLERANCE
1411. MISRA, S. G.; SHARMA, D. P. OSMOTIC PRESSURE IN RELATION TO THE GROWTH OF BARLEY PLANTS IN SALINE AND ALKALI SOILS. VIJNANA PARISHAD ANUSANDHAN PATRIKA 10: 131-135. 1967. BARLEY GRAMINEAE: HORDEUM VULGARE. SOIL SALINE SOIL. OSMOTIC PRESSURE, ALKALINE SOIL VEGETATIVE GROWTH, SALT TOLERANCE
1412. MITKEES, A. I.; SELIM, M. H.; EL TOHAMI SHARAF EL DIN, F.; EL ABASERI, M. A. EFFECT OF SOIL SALINITY ON FLAX CROP. AGRIC. RES. REV. 50: 43-60. 1972. FLAX LINACEAE: LINUM USITATISSIMUM. FIELD PLOT, SOIL SODIUM, MAGNESIUM, CALCIUM, CARBONATE, BICARBONATE, CHLORIDE, SULFATE, SALINE WATER VEGETATIVE GROWTH, SEED YIELD, STRAW YIELD
1413. MITKEES, A. I.; SELIM, M. H.; MASHALY, A. EFFECT OF SALINITY OF FIVE BERSEEM VARIETIES IN RELATION TO THEIR DRY MATTER AND NITROGEN CONTENTS. AGRIC. RES. REV. 50: 19-29. 1972. CLOVER, BERSEEM LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. POT. SOIL SODIUM, CALCIUM, CHLORIDE, VARIETY FLOWERING, VEGETATIVE GROWTH, NITROGEN UPTAKE
1414. MIWA, T.; GOMI, K.; YAMAMOTO, S. STUDIES ON THE BRINY WIND INJURIES TO FRUIT TREES. I. SPRAY INJURY CAUSED BY SEA WATER TO CITRUS LEAVES. (JAP; ENG SUM). UNIV. MIYAZAKI FAC. AGRIC. BULL. 2: 96-105. 1957. CITRUS RUTACEAE: CITRUS. SALT SPRAY, VARIETY VEGETATIVE GROWTH, LEAF INJURY
1415. MIWA, T.; GOMI, K.; YAMAMOTO, S. STUDIES ON THE BRINY WIND INJURIES TO FRUIT TREES. II. SPRAY INJURY CAUSED BY SEA WATER, AND SALT WATER, TO CITRUS FRUIT. (JAP; ENG SUM). UNIV. MAYAZAKI FAC. AGRIC. BULL. 3: 100-109. 1958. CITRUS RUTACEAE: CITRUS. SOIL SALT SPRAY FRUIT DROP
1416. MIYAKE, K. THE INFLUENCE OF SALTS COMMON IN ALKALI SOILS UPON THE GROWTH OF THE RICE PLANT. J. BIOL. CHEM. 16: 235-263. 1913. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE, POT MAGNESIUM, SODIUM, SULFATE, CHLORIDE, CARBONATE, BICARBONATE, CALCIUM, POTASSIUM, NITRATE VEGETATIVE GROWTH, ROOT GROWTH, SALT TOLERANCE
1417. MIYAMOTO, T. ANTAGONISTIC EFFECT OF UREA AND 2-CHLOROETHANOL ON THE RESISTANCE TO HIGH SALT CONCENTRATION IN WHEAT SEEDLINGS. NATURE (LONDON) 196: 491-492. 1962. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL, POT SEED PRETREATMENT, UREA, CHLOROETHANOL SALT TOLERANCE
1418. MIYAMOTO, T. THE EFFECT OF SEED TREATMENT WITH THE EXTRACTS OF ORGANISMS AND THE SOLUTIONS OF SOME CHEMICAL SUBSTANCES ON THE RESISTANCE TO SALT CONCENTRATION IN WHEAT SEEDLINGS. PHYSIOL. PLANT. 16: 333-336. 1963. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL SEED PRETREATMENT, HYDRANGEA HORTENSIS EXTRACT, BEEF EXTRACT, YEAST EXTRACT VEGETATIVE GROWTH, SALT TOLERANCE
1419. MIZRAHI, Y.; BLUMENFELD, A.; BITTNER, S.; RICHMOND, A. E. ABSCISIC ACID AND CYTOKININ CONTENTS OF LEAVES IN RELATION

- TO SALINITY AND RELATIVE HUMIDITY. PLANT PHYSIOL. 48: 752-755. 1971. TOBACCO SOLANACEAE: NICOTIANA RUSTICA. WATER CULTURE. POT HUMIDITY. SODIUM, CHLORIDE ABSCISIC ACID, CYTOKININ, WATER CONTENT
1420. MIZRAHI, Y.; BLUMENFELD, A.; RICHMOND, A. E. ABSCISIC ACID AND TRANSPIRATION IN LEAVES IN RELATION TO OSMOTIC ROOT STRESS. PLANT PHYSIOL. 46: 169-171. 1970. TOBACCO SOLANACEAE: NICOTIANA TABACUM. GREENHOUSE. WATER CULTURE. POT SODIUM, CHLORIDE. MANNITOL LEAF WATER CONTENT, TRANSPIRATION, ABSCISIC ACID
1421. MIZRAHI, Y.; BLUMENFELD, A.; RICHMOND, A. E. THE ROLE OF ABSCISIC ACID AND SALINITY IN THE ADAPTIVE RESPONSE OF PLANTS TO REDUCED ROOT AERATION. PLANT CELL PHYSIOL. TOKYO 13: 15-22. 1972. TOBACCO SOLANACEAE: NICOTIANA RUSTICA. GREENHOUSE, POT, WATER CULTURE SODIUM, CHLORIDE, AERATION ABSCISIC ACID
1422. MOHAMED, S. A.; ABDEL-SALAM, A. S. EFFECT OF DIFFERENT SALT CONCENTRATIONS ON GERMINATION AND EARLY SEEDLING GROWTH OF SOME VEGETABLES AND FIELD CROPS. DESERT INST. BULL., A.R.E. 22: 485-496. 1974. CUCUMBER; SQUASH; WATERMELON; BEAN; COWPEA; PEA; ONION; RICE; WHEAT; MUSKMELON CUCURBITACEAE: CUCURBITA PEPO, CUCUMIS SATIVUS, CITRULLUS VULGARIS, CUCUMIS MELO; LEGUMINOSAE: PHASEOLUS VULGARIS, VIGNA SINENSIS, PISUM SATIVUM; GRAMINEAE: ORYZA SATIVA, TRITICUM AESTIVUM; AMARYLLIDACEAE: ALLIUM CEPA. SAND, POT SODIUM, CHLORIDE, SULFATE GERMINATION, SEEDLING GROWTH
1423. MOHAMED, S. A.; WILLIAMSON, F. E. INTERACTION OF GAS COMPOSITION AND SALINITY UPON ROOT CELL DIVISION OF VICIA FABA L. AGRON. J. 62: 1B-20. 1969. BEAN, BROAD LEGUMINOSAE: VICIA FABA. GROWTH CHAMBER SODIUM, CHLORIDE, SULFATE, OXYGEN, CARBON DIOXIDE, NITROGEN CELL DIVISION
1424. MONK, R. W.; WIEBE, H. H. SALT TOLERANCE AND PROTOPLASMIC SALT HARDINESS OF VARIOUS WOODY AND HERBACEOUS ORNAMENTAL PLANTS. PLANT PHYSIOL. 36: 478-482. 1961. PINE, PONDEROSA; SPRUCE, BLUE; CEDAR, EASTERN RED; FIR, DOUGLAS; LOCUST, BLACK; LOCUST, HONEY; OLIVE, RUSSIAN; WILLOW, GOLDEN; WALNUT, BLACK; SQUAWBUSH; ASH, GREEN; LANCEOLATA; TAMARISK; LINDEN, SMALL-LEAVED EUROPEAN; BARBERRY; EUCNYMUS, WINGED; HONEYSUCKLE, JAPANESE; ROSE, MULTIFLORA; BUFFALO BERRY; SPIRAEA; WILLOW, ARCTIC BLUE; PINK; SNAPDRAGON; PETUNIA; CELOSIA; PORTULACA; ALYSSUM; ZINNIA. KOCHIA; CARNATION PINACEAE: PICEA PUNGENS, PSEUDOTSUGA MENZIESII, PINUS PONDEROSA; CHENOPODIACEAE: KOCHIA SCOPARIA; ROSACEAE: ROSA MULTIFLORA, SPIRAEA VANHOUTTEI; SOLANACEAE: PETUNIA HYBRIDA; PORTULACACEAE: PORTULACA GRANDIFLORA; SALICACEAE: SALIX PURPUREA "NANA", SALIX ALBA VAR VITELLINA; CARYOPHYLLACEAE: DIANTHUS BARBATUS; ELAEAGNACEAE: SHEPHERDIA ARGENTEA, ELAEAGNUS ANGUSTIFOLIA; AMARANTHACEAE: CELOSIA ARGENTEA; TAMARICACEAE: TAMARIX GALlica; JUGLANDACEAE: JUGLANS NIGRA; TILIACEAE: TILIA CORDATA; CUPRESSACEAE: JUNIPERUS VIRGINIANA; BERBERIDACEAE: BERBERIS THUNBERGII; ANACARDIACEAE: RHUS TRILOBATA; CELASTRACEAE: EUONYMUS ALATA; CAPRIFOLIACEAE: LONICERA JAPONICA; OLEACEAE: FRAXINUS PENNSYLVANICA VAR LANCEOLATA; LEGUMINOSAE: GLEDITSIA TRIACANTHOS, ROBINIA PSEUDOACACIA; COMPOSITAE: ZINNIA ELEGANS; CRUCIFERAE: ALYSSUM SAXATILE; SCROPHULARIACEAE: ANTIRRHINUM MAJUS. FIELD PLOT, WATER CULTURE, SOIL SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE
1425. MONK, R.; PETERSON, H. B. FLOWERS TOLERANT TO SALINITY. UTAH AGRIC. EXPT. STA. FARM AND HOME SCIENCE 22: 17. 1961. CARNATION; PINK; SNAPDRAGON; PETUNIA; CELOSIA; MOSS ROSE; ALYSSUM; ZINNIA; KOCHIA CARYOPHYLLACEAE: DIANTHUS BARBATUS; SCROPHULARIACEAE: ANTIRRHINUM MAJUS; SOLANACEAE: PETUNIA HYBRIDA; AMARANTHACEAE: CELOSIA ARGENTEA; PORTULACACEAE: PORTULACA GRANDIFLORA; CRUCIFERAE: ALYSSUM SAXATILE; COMPOSITAE: ZINNIA ELEGANS; CHENOPODIACEAE: KOCHIA CHILDSII. POT, WATER CULTURE SODIUM, CALCIUM, CHLORIDE SALT TOLERANCE
1426. MONK, R.; PETERSON, H. B. TOLERANCE OF SOME TREES AND SHRUBS TO SALINE CONDITIONS. PROC. AMER. SOC. HORT. SCI. 81: 556-561. 1962. SPRUCE, BLUE; FIR, DOUGLAS; WALNUT, BLACK; LINDEN, SMALL-LEAVED EUROPEAN; BARBERRY; EUONYMUS, WINGED; ROSE, MULTIFLORA; SPIRAEA; WILLOW, ARCTIC BLUE; CEDAR, EASTERN RED; HONEYSUCKLE, JAPANESE; PINE, PONDEROSA; ASH, GREEN; WILLOW, GOLDEN; BUFFALO BERRY, SILVER; SQUAWBUSH; LOCUST, BLACK; LOCUST, HONEY; OLIVE, RUSSIAN; TAMARISK PINACEAE: PICEA PUNGENS, PSEUDOTSUGA MENZIESII, PINUS PONDEROSA; ROSACEAE: ROSA MULTIFLORA, SPIRAEA VANHOUTTEI; LEGUMINOSAE: ROBINIA PSEUDOACACIA, GLEDITSIA TRIACANTHOS; JUGLANDACEAE: JUGLANS NIGRA, TILIACEAE: TILIA CORDATA; BERBERIDACEAE: BERBERIS THUNBERGII; CELASTRACEAE: EUONYMUS ALATA; SALICACEAE: SALIX PURPUREA "NANA", SALIX ALBA VAR VITELLINA; CUPRESSACEAE: JUNIPERUS VIRGINIANA; CAPRIFOLIACEAE: LONICERA JAPONICA; OLEACEAE: FRAXINUS PENNSYLVANICA VAR LANCEOLATA; ELAEAGNACEAE: SHEPHERDIA ARGENTEA, ELAEAGNUS ANGUSTIFOLIA; ANACARDIACEAE: RHUS TRILOBATA; TAMARICACEAE: TAMARIX PENTANDRA. SOIL, FIELD PLOT SODIUM, CHLORIDE, CALCIUM VEGETATIVE GROWTH.

MINERAL COMPOSITION

1427. MONSELISE, S. P. ON THE PRESUMED SALT-TOLERANCE OF SIAMESE PUMMELOS. PROC. FLA. STATE HORT. SOC. 73: 19-23. 1960. POMELO, SIAMESE RUTACEAE: CITRUS. POT. CLAY SODIUM, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE
1428. MOORE, D. C.; ALDRICH, W. W. LEAF AND FRUIT GROWTH OF THE DATE IN RELATION TO MOISTURE IN A SALINE SOIL. AMER. SOC. HORT. SCI. 36: 216-222. 1938. DATE PALM PALMACEAE: PHOENIX DACTYLIFERA. FIELD PLOT, SOIL SALINE SOIL VEGETATIVE GROWTH, FRUIT GROWTH
1429. MOORING, M. T.; COOPER, A. W.; SENECA, E. D. SEED GERMINATION RESPONSE AND EVIDENCE FOR HEIGHT ECOPHENES IN SPARTINA ALTERNIFLORA FROM NORTH CAROLINA. AMER. J. BOT. 56: 48-55. 1971. CORDGRASS GRAMINEAE: SPARTINA ALTERNIFLORA. GERMINATION DISHES VARIETY, SODIUM, CHLORIDE, TEMPERATURE, SEA WATER GERMINATION, SEEDLING GROWTH
1430. MORACHAN, Y. B.; RAJAGOPAL, A.; SANKARAN, N. EFFECT OF SALINITY ON THE SOUTH INDIAN FIELD CROPS YIELD IN RAGI (ELEUSINE CORACANA GAERTN.). MADRAS AGRIC. J. 58: 694-698. 1971. MILLET, AFRICAN GRAMINEAE: ELEUSINE CORACANA. SOIL, POT SODIUM CALCIUM, CHLORIDE, VARIETY GRAIN YIELD
1431. MORACHAN, Y. B.; SHANTHA, R. STUDIES ON THE COMPARATIVE TOLERANCE OF MINOR MILLETS TO SALINE IRRIGATION. MADRAS AGRIC. J. 61: 439-446. 1974. MILLET, FOXTAIL; MILLET, BROODCORN; BARN YARD GRASS GRAMINEAE: SETARIA ITALICA, PANICUM MILLIARE, PANICUM MILIACEUM, ECHINOCHLOA COLONUM. SOIL, POT VARIETY, SODIUM, CHLORIDE, CALCIUM, CARBONATE, SULFATE, MAGNESIUM VEGETATIVE GROWTH
1432. MORGAN, G. W. A NOTE ON THE SALT TOLERANCE OF OKRA (HIBISCUS ESCULENTUS). TROP. AGRIC. 43: 263-264. 1966. OKRA MALVACEAE: HIBISCUS ESCULENTUS. SAND, GREENHOUSE SODIUM, CHLORIDE, MAGNESIUM, SULFATE VEGETATIVE GROWTH
1433. MOROZOV, A. S. EFFECT OF NaCl AND Na₂SO₄ ON SUGAR CONTENT IN MELONS. COMPT. REND. ACAD. SCI. USSR 21: 279-281. 1938. WATERMELON; MUSKMELON CUCURBITACEAE: CITRULLUS VULGARIS, CUCUMIS MELO. SOIL SODIUM, CHLORIDE, SULFATE SUGAR
1434. MOROZOVSKII, V. V. CHANGES IN PHOSPHATASE ACTIVITY IN APRICOT AND PLUM TREE LEAVES AS AFFECTED BY SOIL SALINITY. (RUS). IN IVANOV, S. M., NEDOSTATOCHNOST' KORNEVOGO PITANIIA I FUNKTSIONAL'NYE ZABOLEVANIIA SEL'SKOKHOZIAISTVENNYKH RASTENII: 72-77. 1971. APRICOT; PLUM ROSACEAE: PRUNUS ARMENIACA, PRUNUS DOMESTICA. POT, SOIL SULFATE, CHLORIDE, CARBONATE PHOSPHATASE
1435. MOROZOVSKII, V. V.; KABANOV, V. V. THE EFFECT OF CHLORIDE SALINIZATION ON THE NUCLEOTIDE CONTENT OF PEA LEAVES. SOVIET PLANT PHYSIOL. 15: 763-766. 1968. PEA LEGUMINOSAE: PISUM SATIVUM. GROWTH CHAMBER, WATER CULTURE, POT SODIUM, CHLORIDE NUCLEOTIDE, ADENOSINE MONOPHOSPHATE, ADENOSINE DIPHOSPHATE, ADENOSINE TRIPHOSPHATE
1436. MOROZOVSKII, V. V.; KABANOV, V. V. EFFICIENCY OF RESPIRATION IN PEA AND GLASSWORT UNDER NaCl SALINIZATION OF THE SUBSTRATE. SOVIET PLANT PHYSIOL. 17: 482-486. 1970. PEA; GLASSWORT LEGUMINOSAE: PISUM SATIVUM; CHENOPODIACEAE: SALICORNIA HERBACEA. GROWTH CHAMBER, SOIL, GREENHOUSE SODIUM, CHLORIDE RESPIRATION, OXIDATIVE PHOSPHORYLATION, PHOTOSYNTHESIS, MITOCHONDRIA
1437. MOROZOVSKII, V. V.; KANDINA, G. V. CHANGE OF MINERAL NUTRITION AND SOME ASPECTS OF PLUM AND APRICOT METABOLISM AS AFFECTED BY SOIL SALINIZATION. (RUS). IN POVYSHENIE EFFEKTIVNOSTI PRIMENENIIA MINERAL'NYKH UDOBRENII: S. M. IVANOV (ED.): 83-88. 1974. PLUM; APRICOT ROSACEAE: PRUNUS DOMESTICA, PRUNUS ARMENIACA. SOIL SALINE SOIL METABOLISM, NUTRITION
1438. MORTON, J. F. SALT TOLERANT SILT GRASS PASPALUM VAGINATUM. PROC. FLA. STATE HORT. SOC. 86: 482-490. 1973. SILT GRASS GRAMINEAE: PASPALUM VAGINATUM. SALT TOLERANCE
1439. MOSER, B. C. AIRBOURNE SEA SALT: TECHNIQUES FOR EXPERIMENTATION AND EFFECTS ON VEGETATION. COOLING TOWER ENVIRONMENT - 1974. PROCEEDINGS OF A SYMPOSIUM, COLLEGE PARK, MD., U.S.A., MARCH 4-6, 1974. HANNA, STEVEN R. AND JERRY PELL (ED.). U. S. ENERGY RESEARCH AND DEVELOPMENT ADMIN., TECHNICAL INFORMATION CENTER, OAK RIDGE, TENN.: 353-369. 1975.

BEAN; PINE, WHITE; PINE, JAPANESE BLACK LEGUMINOSAE: PHASEOLUS VULGARIS; PINACEAE: PINUS STROBUS, PINUS THUNBERGII. POT. SOIL, GREENHOUSE SALT SPRAY SODIUM UPTAKE, CHLORIDE UPTAKE, LEAF INJURY

1440. MOSS, A. E. EFFECT ON TREES OF WIND-DRIVEN SALT WATER. J. FOR. 38: 421-425. 1940. TULIP TREE; GUM, SOUR; CEDAR, RED; CEDAR, WHITE; PINE, JAPANESE UMBRELLA; SPRUCE, COLORADO BLUE; PINE, AUSTRIAN; PINE, PITCH; PINE, RED; PINE, SCOTS; JUNIPER PINACEAE: PINUS NIGRA, PINUS RIGIDA, PINUS RESINOSA, PINUS SYLVESTRIS, PICEA PUNGENS; NYSSACEAE: NYSSA SYLVATICA; CUPRESSACEAE: JUNIPERUS COMMUNIS, JUNIPERUS VIRGINIANA, CHAMAECYPARIS THYOIDES; TAXODIACEAE: SCIADOPITYS VERTICILLATA; MAGNOLIACEAE: LIRIODENDRON TULIPIFERA. FIELD SALT SPRAY ECOLOGY
1441. MOKHTAR, M. M.; EL LEGOUDI, A.; EL-KOUBIA, T. PHOSPHATE NUTRITION OF PLANTS AS AFFECTED WITH APPLICATION OF SODIUM SALTS. AGRIC. RES. REV. 52: 79-87. 1974. BARLEY GRAMINEAE: HORDEUM VULGARE. SAND SODIUM, CHLORIDE, SULFATE, CARBONATE PHOSPHORUS UPTAKE, NUTRITION
1442. MOURSİ, M. A.; EL BAGOURY, O. H.; EL SHERBINY, I. A. INFLUENCE OF TEMPERATURE AND SALINITY ON GROWTH OF SEEDLINGS OF SOME CROPS. II. EFFECT ON WATER CONTENTS AND CELL SAP CONCENTRATIONS IN THE TISSUES OF SEEDLINGS. ANN. AGRIC. SCI. 910: 127-136. 1976. BEAN, BROAD; WHEAT; CORN LEGUMINOSAE: VICIA FABA; GRAMINEAE: TRITICUM AESTIVUM, ZEA MAYS. TEMPERATURE LEAF WATER CONTENT, WATER CONTENT, OSMOTIC PRESSURE
1443. MOURSİ, M. A.; EL BAGOURY, O. H.; EL SHERBINY, I. A. INFLUENCE OF TEMPERATURE AND SALINITY ON GROWTH OF SEEDLINGS OF SOME CROPS. III. EFFECT ON MINERAL UPTAKE AND CHEMICAL CONTENTS OF SEEDLINGS. ANN. AGRIC. SCI. 910: 137-143. 1976. CORN; WHEAT; BEAN, BROAD LEGUMINOSAE: VICIA FABA; GRAMINEAE: TRITICUM AESTIVUM, ZEA MAYS. TEMPERATURE CARBOHYDRATE, NITROGEN UPTAKE, SODIUM UPTAKE
1444. MOUSTAFA, A. H. I.; SHABASSY, A. I.; GOHAR, A. I.; ABD-EL NAIM, E. M.; ABDEL RAHMAN, A.; ELSHAL, M. E. GROWTH AND CATIONIC ACCUMULATION BY WHEAT AND BARLEY PLANTS AS INFLUENCED BY VARIOUS LEVELS OF EXCHANGEABLE SODIUM. AGRIC. RES. REV. CAIRO. 44: 1-17. 1966. WHEAT; BARLEY GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE. SOIL, GERMINATION DISHES EXCHANGEABLE SODIUM PERCENTAGE, SODIUM, CARBONATE VEGETATIVE GROWTH, CALCIUM UPTAKE, SODIUM UPTAKE, MAGNESIUM UPTAKE, POTASSIUM UPTAKE
1445. MOZAFAR, A.; GOODIN, J. R. VESICULATED HAIRS: A MECHANISM FOR SALT TOLERANCE IN ATRIPLEX HALIMUS. PLANT PHYSIOL. 45: 62-65. 1970. SALT BUSH CHENOPODIACEAE: ATRIPLEX HALIMUS. GREENHOUSE, POT, WATER CULTURE SODIUM, CHLORIDE, POTASSIUM VESICULATED HAIRS, OSMOTIC POTENTIAL
1446. MOZAFAR, A.; GOODIN, J. R.; OERTLI, J. J. NA AND K INTERACTIONS IN INCREASING THE SALT TOLERANCE OF ATRIPLEX HALIMUS L. I. YIELD CHARACTERISTICS AND OSMOTIC POTENTIAL. AGRON. J. 62: 478-481. 1970. SALT BUSH CHENOPODIACEAE: ATRIPLEX HALIMUS. WATER CULTURE, POT, GREENHOUSE SODIUM, CHLORIDE, POTASSIUM OSMOTIC POTENTIAL, VEGETATIVE GROWTH
1447. MOZAFAR, A.; GOODIN, J. R.; OERTLI, J. J. SODIUM AND POTASSIUM INTERACTIONS IN INCREASING THE SALT TOLERANCE OF ATRIPLEX HALIMUS L. II. NA⁺ AND K⁺ UPTAKE CHARACTERISTICS. AGRON. J. 62: 481-484. 1970. SALT BUSH CHENOPODIACEAE: ATRIPLEX HALIMUS. WATER CULTURE, POT, GREENHOUSE SODIUM, CHLORIDE, POTASSIUM SODIUM UPTAKE, POTASSIUM UPTAKE, OSMOTIC POTENTIAL, ION TRANSPORT KINETICS
1448. MUDIE, P. G. THE POTENTIAL ECONOMIC USES OF HALOPHYTES. IN ECOLOGY OF HALOPHYTES, REIMOLD, R. J.; QUEEN, W. H. (EDS.) ACADEMIC PRESS, N. Y.: 565-597. 1974. NATIVE VEGETATION; HALOPHYTE SALINE SOIL
1449. MUENSCHER, W. C. THE EFFECT OF TRANSPIRATION ON THE ABSORPTION OF SALTS BY PLANTS. AMER. J. BOT. 9: 311-329. 1922. BARLEY GRAMINEAE: HORDEUM VULGARE. GREENHOUSE, POT HUMIDITY, LIGHT TRANSPIRATION, MINERAL COMPOSITION, VEGETATIVE GROWTH, MINERAL UPTAKE
1450. MUHAMMAD, S.; MAKHDUM, M. I. EFFECT OF SOIL SALINITY ON THE COMPOSITION OF OIL AND AMINO ACID AND ON THE OIL CONTENT OF SUNFLOWER SEED. PAK. J. AGRIC. SCI. 10: 71-76. 1973. SUNFLOWER COMPOSITAE: HELIANTHUS ANNUUS. SALINE SOIL OIL COMPOSITION, AMINO ACID



1451. MULCHI, C. L.; ARMBRUSTER, J. A. EFFECTS OF SALT SPRAYS ON THE YIELD AND NUTRIENT BALANCE OF CORN AND SOYBEANS. COOLING TOWER ENVIRONMENT - 1974. PROCEEDINGS OF A SYMPOSIUM. COLLEGE PARK, MD., U.S.A., MARCH 4-6, 1974. HANNA, STEVEN R. AND JERRY PELL (EDS.). U. S. ENERGY RESEARCH AND DEVELOPMENT ADMIN. TECHNICAL INFORMATION CENTER. OAK RIDGE, TENN. U.S.A.: 379-392. 1975. CORN; SOYBEAN GRAMINEAE: ZEA MAYS; LEGUMINOSAE: GLYCINE MAX. FIELD PLOT, SOIL SALT SPRAY, SODIUM, CHLORIDE VEGETATIVE GROWTH
1452. MULWANI, B. F.; POLLARD, A. G. EFFECTS OF ALKALI SALTS ON GERMINATING OF SEEDS. AGRIC. LIVE-STK. INDIA 9: 548-555. 1939. CORN; OATS; WHEAT; BARLEY; RICE; ALFALFA; PEA; CLOVER, RED; BEET, SUGAR; MUSTARD GRAMINEAE: ZEA MAYS. AVENA SATIVA, TRITICUM AESTIVUM, HORDEUM VULGARE, ORYZA SATIVA; LEGUMINOSAE: MEDICAGO SATIVA, PISUM SATIVUM, TRIFOLIUM PRATENSE; CHENOPODIACEAE: BETA VULGARIS; CRUCIFERAE: BRASSICA. SAND, GERMINATION DISHES SODIUM, MAGNESIUM, CALCIUM, CARBONATE, CHLORIDE, SULFATE GERMINATION
1453. MUNGOMERY, W. V. SALT DAMAGE TO CITRUS. QD. AGRIC. J. 85: 549-552. 1959. CITRUS RUTACEAE: CITRUS. FIELD, SOIL, SPRINKLER IRRIGATION
1454. MURANAKA, Y. THE SALINITY RESISTANCE IN YOUNG TREE OF SATSUMA ORANGE. (JAP). KAUITSU NIPPON 28: 30-32. 1973. ORANGE RUTACEAE: CITRUS SINENSIS. SODIUM, CHLORIDE SALT TOLERANCE
1455. MURPHY, B. C.; LANCASTER, J. D. RESPONSE OF COTTON TO BORON. AGRON. J. 63: 539-540. 1971. COTTON MALVACEAE: GOSSYPIMUM. FIELD PLOT, SOIL BORON BORON UPTAKE, TOXICITY
1456. MURPHY, H. F. THE SALT CONTENT OF SOME SOILS NEAR THE SALT PLAINS IN ALFALFA COUNTY OKLAHOMA, IN RELATION TO CROP PRODUCTION. AMER. SOC. AGRON. J. 26: 644-651. 1934. COWPEA; ALFALFA, CORN; KAFIR LEGUMINOSAE: MEDICAGO SATIVA, VIGNA SINENSIS; GRAMINEAE: ZEA MAYS, SORGHUM VULGARE VAR CAFFROFUM. SOIL, FIELD SALINE SOIL VEGETATIVE GROWTH
1457. MURTY, K. S.; JANARDHAN, K. V. PHYSIOLOGICAL CONSIDERATIONS FOR SELECTION AND BREEDING OF VARIETIES FOR SALINE AND ALKALINE TRACTS. ORYZA 8: 85-99. 1973. RICE GRAMINEAE: ORYZA SATIVA. VARIETY, SODIUM, CHLORIDE SALT TOLERANCE, GENETIC INTERACTION, HYBRID, TOXICITY, FLOWERING, SEEDLING GROWTH, EMERGENCE, CHLORIDE UPTAKE
1458. MURTY, K. S.; RAO, C. N. STUDIES ON SALT TOLERANCE IN RICE. I. EFFECT OF SALT CONCENTRATION ON YIELD AND CHEMICAL COMPOSITION OF RICE. ORYZA 2: 87-91. 1965. RICE GRAMINEAE: ORYZA SATIVA. POT, SOIL VARIETY, SODIUM, CHLORIDE MINERAL COMPOSITION, SALT TOLERANCE
1459. MURTY, K. S.; RAO, C. N. STUDIES ON SALT TOLERANCE IN RICE. II. EFFECT OF DIFFERENT ANIONS OF SODIUM ON YIELD AND NITROGEN CONTENT OF RICE. ORYZA 4: 42-47. 1967. RICE GRAMINEAE: ORYZA SATIVA. POT, SOIL, GREENHOUSE CHLORIDE, SULFATE, BICARBONATE NITROGEN UPTAKE, MINERAL COMPOSITION
1460. NAGATA, I.; SASAKI, S. INVESTIGATION ON THE SUGARCANE PLANT IN SALINE SOILS. (JAP: ENG SUM). J. SCI. SOIL JAPAN 13: 597-607. 1939. SUGARCANE GRAMINEAE: SACCHARUM OFFICINAPUM SOIL, FIELD SALINE SOIL VEGETATIVE GROWTH
1461. NAIR, P. G.; SUBRAMONY, N. STUDIES ON THE TOLERANCE OF PADDY TO DIFFERENT SALTS. AGRIC. RES. J. KERALA 8: 1-5. 1970. RICE GRAMINEAE: ORYZA SATIVA. POT, SOIL SEA WATER, SODIUM, CHLORIDE, CALCIUM, POTASSIUM, MAGNESIUM VEGETATIVE GROWTH, OSMOTIC POTENTIAL
1462. NANAWATI, G. C.; MALIWAL, G. L. NOTE ON THE EFFECT OF SALTS ON THE GROWTH, MINERAL NUTRITION AND QUALITY OF TOMATO LYCOPERSICON ESCULENTUM. INDIAN J. AGRIC. SCI. 43: 612-614. 1973. TOMATO SOLANACEAE. LYCOPERSICON ESCULENTUM. GREENHOUSE, SAND SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, FRUIT QUALITY, NUTRITION
1463. NAPHAN, F. A. SOILS OF THE SALT DESERT SHRUB AREA AND THEIR PRODUCTIVE CAPABILITIES. SALT DESERT SHRUB SYMP. 1966. CEDAR CITY, UTAH: 44-68. 1966. DALEA; HOPSAGE, SPINY; RICEGRASS, INDIAN; WINTER FAT; SALT BUSH, FOURWING; GALLETIA GRASS; SHADSCALE; CREOSOTE BUSH; CACTUS; YUCCA; SAGEBRUSH, BUD; BARLEY, SQUIRRELTAIL; BLUEGRASS, SANDBERG; INDIGO BUSH GRAMINEAE: SITANION, HILARIA JAMESII, POA SECUNDA, ORYZOPSIS HYMENOIDES; CHENOPODIACEAE: ATRIPLEX

CONFERTIFOLIA, GRAYIA SPINOSA, EUROTIA LANATA, ATRIPLEX; ACACACEAE: YUCCA; ZYGOPHYLLACEAE: LARREA TRIDENTATA;
LEGUMINOSAE: DALEA; CACTACEAE:

1464. NAPOLEONE, I. SALINITA E FITORMONI. SALINITY AND PHYTOHORMONES. (ITA: ENG SUM). ANN. BOT. (ROME) 33: 275-278. 1975.
LEAF SENESCENCE, PROTEOLYSIS, CYTOKININ, HORMONES
1465. NAQVI, S. M. AUXIN TRANSPORT UNDER SALINE CONDITIONS. EXPERIENTIA 28: 1246. 1972. CORN GRAMINEAE: ZEA MAYS.
POT SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, AUXIN TRANSPORT
1466. NAQVI, S. M.; ANSARI, R. ESTIMATION OF DIFFUSIBLE AUXIN UNDER SALINE GROWTH CONDITIONS. EXPERIENTIA 30: 350. 1974.
CORN GRAMINEAE: ZEA MAYS. POT SODIUM, CHLORIDE VEGETATIVE GROWTH, AUXIN
1467. NAQVI, S. M.; ANSARI, R.; ANSARI, A. Q. EFFECT OF (2-CHLOROETHYL)-TRIMETHYLAMMONIUM CHLORIDE (CCC) ON INCREASING SALT
TOLERANCE IN WHEAT. J. EXPT. BOT. 21: 712-713. 1970. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL
(2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE, SODIUM, CHLORIDE, SULFATE GERMINATION, SEEDLING GROWTH, SALT
TOLERANCE
1468. NARALE, R. P.; SUBRAMANYAM, T. K.; MUKHERJEE, R. K. INFLUENCE OF SALINITY ON GERMINATION VEGETATIVE GROWTH AND GRAIN
YIELD OF RICE (ORYZA SATIVA CULTIVAR DULAR). AGRON. J. 61: 341-344. 1969. RICE GRAMINEAE: ORYZA SATIVA.
GERMINATION DISHES, WATER CULTURE, SOIL, POT SODIUM, CHLORIDE VEGETATIVE GROWTH, GERMINATION
1469. NARAYANAN, A. CROP-RESPONSE TO SALT STRESS. I. WHEAT. IN PROC. SYMP. CROP PLANT RESPONSE TO ENVIRONMENTAL STRESSES:
89-96. 1976. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL, POT SALINE SOIL GERMINATION, VEGETATIVE GROWTH,
PHOSPHORUS UPTAKE, GRAIN YIELD
1470. NASSERY, H.; JONES, R. L. SALT-INDUCED PINOCYTOSIS IN BARLEY AND BEAN. J. EXPT. BOT. 27: 358-367. 1976. BEAN:
BARLEY; GLASSWORT CHENOPODIACEAE: SALICORNIA EUROPAEA; GRAMINEAE: HORDEUM VULGARE; LEGUMINOSAE: PHASEOLUS
VULGARIS. VERMICULITE, POT SODIUM, CHLORIDE ROOT GROWTH, VEGETATIVE GROWTH, PINOCYTOSIS
1471. NASYROV, R. G. SALT TOLERANCE OF CERTAIN WOODY PLANTS UNDER CONDITIONS OF THE GOLODNAYA STEPPE. (RUS). UZB. BIOL.
ZH. 17: 24-25. 1973. ASH; ELM; POPLAR; ACACIA, WHITE; MULBERRY; MULBERRY, WHITE; WILLOW, BABYLONIAN OLEACEAE:
FRAXINUS; ULMACEAE: ULMUS; LEGUMINOSAE: ACACIA; SALICACEAE: POPULUS, SALIX; MORACEAE: MORUS ALBA, MORUS ALBA VAR
TARTARICA.
1472. NAURIYAL, J. P.; GUPTA, O. P. STUDIES ON SALT TOLERANCE OF GRAPE. I. EFFECT OF TOTAL SALT CONCENTRATION. INDIAN J.
RES. 4: 197-205. 1967. GRAPE VITACEAE: VITIS. POT, SOIL, MANURE SODIUM, CHLORIDE, SULFATE, VARIETY
VEGETATIVE GROWTH, LEAF INJURY, CHLORIDE UPTAKE, SULFATE UPTAKE
1473. NEARY, D. G.; SCHNEIDER, G.; WHITE, D. P. BORON TOXICITY IN RED PINE FOLLOWING MUNICIPAL WASTE WATER IRRIGATION.
SOIL SCI. SOC. AMER. PROC. 39: 981-982. 1975. PINE, RED PINACEAE: PINUS RESINOSA. FIELD PLOT, SOIL WASTE
WATER EFFLUENT TOXICITY, BORON UPTAKE
1474. NEIDIG, R. E.; MAGNUSON, H. P. ALKALI STUDIES I. TOLERANCE OF WHEAT FOR ALKALI IN IDAHO SOILS. SOIL SCI. 449-467.
1924. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL, GREENHOUSE SODIUM, CARBONATE, CHLORIDE, SULFATE
TOXICITY, GERMINATION, VEGETATIVE GROWTH
1475. NEIDIG, R. E.; MAGNUSON, H. P. ALKALI STUDIES II. TOLERANCE OF ALFALFA, CORN AND SWEET CLOVER FOR ALKALI IN IDAHO
SOILS. SOIL SCI. 19: 115-124. 1925. ALFALFA; CORN; CLOVER, SWEET LEGUMINOSAE: MEDICAGO SATIVA, MELILOTUS
ALBA; GRAMINEAE: ZEA MAYS. POT, GREENHOUSE, SOIL SODIUM, CARBONATE, CHLORIDE, SULFATE GERMINATION, VEGETATIVE
GROWTH
1476. NEIDIG, R. E.; MAGNUSON, H. P. ALKALI STUDIES III. TOLERANCE OF BARLEY FOR ALKALI IN IDAHO SOILS. SOIL SCI. 20:
367-391. 1925. BARLEY GRAMINEAE: HORDEUM VULGARE. SOIL, POT, GREENHOUSE SODIUM, CHLORIDE, CARBONATE.

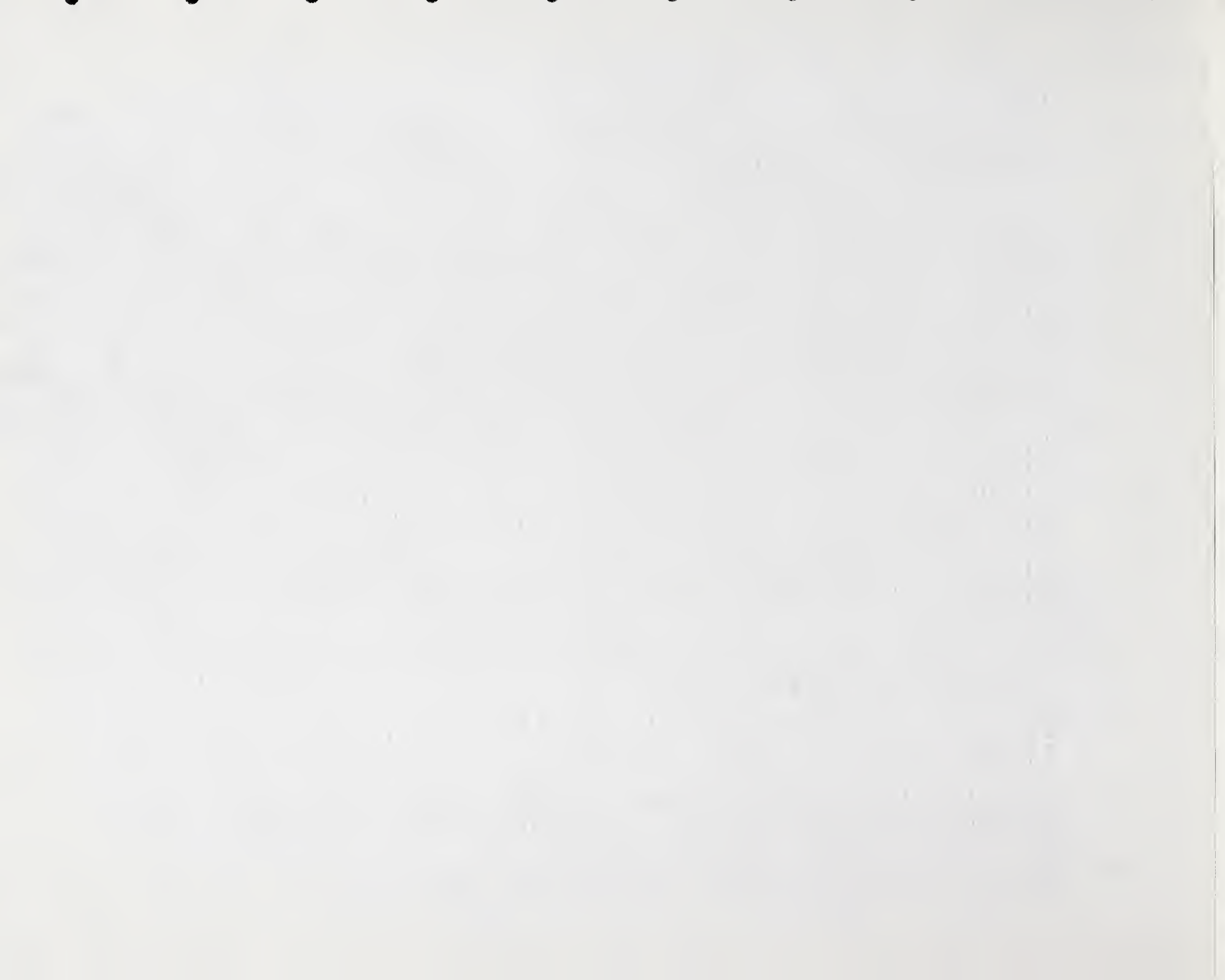
SULFATE GERMINATION

1477. NEIDIG, R. E.; MAGNUSON, H. P. ALKALI STUDIES IV. TOLERANCE OF OATS FOR ALKALI IN IDAHO SOIL. SOIL SCI. 20: 425-441. 1925. OATS GRAMINEAE: AVENA SATIVA. GREENHOUSE. SOIL. POT SODIUM, CARBONATE, CHLORIDE, SULFATE TOXICITY. VEGETATIVE GROWTH
1478. NELLER, J. R.; MORSE, W. J. EFFECTS UPON THE GROWTH OF POTATOES, CORN, AND BEANS RESULTING FROM THE ADDITION OF BORAX TO THE FERTILIZER USED. SOIL SCI. 12: 79-131. 1921. POTATO: CORN; BEAN GRAMINEAE: ZEA MAYS; SOLANACEAE: SOLANUM TUBEROSUM; LEGUMINOSAE: PHASEOLUS VULGARIS. POT. SOIL BORON, SODIUM, NITRATE, PHOSPHATE, POTASSIUM, SULFATE VEGETATIVE GROWTH, LEAF INJURY
1479. NIELSON, R. F.; CANNON, O. S. SPRINKLING CROPS WITH SALTY WELL WATER CAN CAUSE PROBLEMS. UTAH SCI. 36: 61-63. 1975. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. SOIL. SPRINKLER IRRIGATION SALINE WATER LEAF INJURY
1480. NIEMAN, R. H. EFFECTS OF SALINITY ON PHOSPHATE METABOLISM AND THE ENERGY CHARGE OF THE ADENYLATE SYSTEM. PROC. WORKSHOP SALT EFFECTS ON PLANT STRUCTURES AND PROCESSES. RIVERSIDE, CALIF. APRIL 1976: 45-47. 1976. CORN GRAMINEAE: ZEA MAYS. SAND, GREENHOUSE PHOSPHORUS, SODIUM, CALCIUM, CHLORIDE PHOSPHORUS UPTAKE
1481. NIEMAN, R. H. EXPANSION OF BEAN LEAVES AND ITS SUPPRESSION BY SALINITY. PLANT PHYSIOL. 40: 156-161. 1965. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GROWTH CHAMBER, POT. WATER CULTURE SODIUM, CHLORIDE VEGETATIVE GROWTH, DESOXYRIBONUCLEIC ACID, PROTEIN, RIBONUCLEIC ACID
1482. NIEMAN, R. H. SOME EFFECTS OF SODIUM CHLORIDE ON GROWTH, PHOTOSYNTHESIS, AND RESPIRATION OF TWELVE CROP PLANTS. BOT. GAZ. 123: 279-285. 1962. BEET, RED; SPINACH; LETTUCE; CABBAGE; MUSTARD; RADISH; TURNIP; BEAN; PEA; ONION; PEPPER; TOMATO CHENOPODIACEAE: BETA VULGARIS, SPINACIA OLERACEA; COMPOSITAE: LACTUCA SATIVA; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA, BRASSICA ALBA, BRASSICA RAPA, RAPHANUS SATIVUS; LEGUMINOSAE: PHASEOLUS VULGARIS, PISUM SATIVUM; AMARYLLIDACEAE: ALLIUM CEPA; SOLANACEAE: CAPSICUM FRUTESCENS, LYCOPERSICON ESCULENTUM. GREENHOUSE, GRAVEL, POT SODIUM, CHLORIDE VEGETATIVE GROWTH, RESPIRATION, PHOTOSYNTHESIS, CHLOROPHYLL
1483. NIEMAN, R. H.; BERNSTEIN, L. INTERACTIVE EFFECTS OF GIBBERELIC ACID AND SALINITY ON THE GROWTH OF BEANS. AMER. J. BOT. 46: 667-670. 1959. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. WATER CULTURE SODIUM, CHLORIDE, GIBBERELIC ACID VEGETATIVE GROWTH, ROOT GROWTH
1484. NIEMAN, R. H.; CLARK, R. A. INTERACTIVE EFFECTS OF SALINITY AND PHOSPHORUS NUTRITION ON THE CONCENTRATIONS OF PHOSPHATE AND PHOSPHATE ESTERS IN MATURE PHOTOSYNTHESIZING CORN LEAVES. PLANT PHYSIOL. 57: 157-161. 1976. CORN GRAMINEAE: ZEA MAYS. SAND, GREENHOUSE, POT PHOSPHATE, SODIUM, CHLORIDE, CALCIUM TOXICITY, ION TRANSLOCATION, VEGETATIVE GROWTH, PHOSPHATE CONCENTRATION
1485. NIEMAN, R. H.; POULSEN, L. L. INTERACTIVE EFFECTS OF SALINITY AND ATMOSPHERIC HUMIDITY ON THE GROWTH OF BEAN AND COTTON PLANTS. BOT. GAZ. 128: 69-73. 1967. BEAN; COTTON LEGUMINOSAE: PHASEOLUS VULGARIS; MALVACEAE: GOSSYPIMUM HIRSUTUM, SAND, POT HUMIDITY, SODIUM, CHLORIDE MINERAL COMPOSITION
1486. NIEMAN, R. H.; POULSEN, L. L. PLANT GROWTH SUPPRESSION ON SALINE MEDIA: INTERACTIONS WITH LIGHT. BOT. GAZ. 132: 14-19. 1971. BEAN; PEA; RADISH LEGUMINOSAE: PHASEOLUS VULGARIS, PISUM SATIVUM; CRUCIFERAE: RAPHANUS SATIVUS. GROWTH CHAMBER, WATER CULTURE, POT SODIUM, CHLORIDE, LIGHT VEGETATIVE GROWTH, PROTEIN, CHLOROPLAST, RIBONUCLEIC ACID, DESOXYRIBONUCLEIC ACID
1487. NIEMAN, R. H.; SHANNON, M. C. SCREENING PLANTS FOR SALINITY TOLERANCE. PROC. USDA, ARS, CORNELL UNIV. AID INVIT. WORKSHOP, BELTSVILLE, MARYLAND, NOVEMBER 1976: 359-367. 1977.
1488. NIGMATOV, S. KH.; LERMAN, F. S. GROWTH AND DEVELOPMENTAL FEATURES OF GLYCYRRHIZA GLABRA ON SALINE SOILS OF THE HUNGRY STEPPE. (RUS). IN MATERIALY PO BIOLOGII VIDOV RODA GLYCYRRHIZA L.: 120-130. 1970. LICORICE LEGUMINOSAE: GLYCYRRHIZA GLABRA. FIELD, SOIL SALINE SOIL VEGETATIVE GROWTH

1489. NORRIS, R. F. EXPANSION OF RADISH COTYLEDONS: AN INTERACTION BETWEEN NaCl AND CYTOKININS. PLANT SCI. LETTER 6: 63-68. 1976. RADISH CRUCIFERAE: RAPHANUS SATIVUS. GERMINATION DISHES SODIUM, CHLORIDE, CYTOKININ, POTASSIUM, CALCIUM COTYLEDON GROWTH
1490. NOVIKOFF, V. LA ACOUE SALATE E LA PIANTE COLTIVATE. SALINE WATER AND CULTIVATED PLANTS. (ITA). AGRICOLTURA COLONIALE. FLORENCE 26: 391-396. 1932.
1491. NOVIKOV, V. A. EFFECT OF DAY-LENGTH UPON SALT RESISTANCE IN COTTON. COMPT. REND. ACAD. SCI. URSS 48: 444-446. 1945. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. POT. SOIL CHLORIDE. DAY LENGTH SALT TOLERANCE
1492. NOVIKOV, V. A. EFFECT OF LIGHT INTENSITY ON SALT TOLERANCE IN COTTON. TRUDY INSTITUTA FIZIOLOGII RASTENII IM. K. A. TIMIRYAZEVA AN SSSR. 6: 194-198. 1949. COTTON MALVACEAE: GOSSYPIUM. POT. SOIL LIGHT, CHLORIDE VEGETATIVE GROWTH, CHLORIDE UPTAKE
1493. NOVIKOV, V. A. INVESTIGATION ON THE SALT RESISTANCE OF COTTON. (RUS: ENG SUM). BULL. ACAD. SCI. URSS SER. BIOL. 6: 307-331. 1943. COTTON MALVACEAE: GOSSYPIUM BARBADENSE, GOSSYPIUM HEIBACEUM, GOSSYPIUM NEGLECTUM, GOSSYPIUM HIRSUTUM. POT. SOIL SALINE SOIL. VARIETY. SEED PRETREATMENT GERMINATION, VEGETATIVE GROWTH
1494. NOVIKOV, V. A. STUDIES ON THE ECOLOGY OF SALT TOLERANCE OF PLANTS. I. EFFECT OF SOIL SALINIZATION ON GROWTH, WATER UPTAKE, AND ACCUMULATION OF CHLOROPLAST PIGMENTS IN HALOPHYTES. (RUS). TRUDY BOTANICHESKOGO INSTITUTA IM. V. L. KOMAROVA AN SSSR. SERIES 4 (EKSPERIMENTAL'NAYA BOTANIKA). NO. 6: 200-218. 1948. HALOPHYTE SOIL SALINE SOIL GROWTH, WATER UPTAKE, CHLOROPLAST
1495. NOVIKOV, V. A. STUDY OF THE SALT TOLERANCE OF COTTON. (RUS). TRUDY UZBEKSKOGO FILIALA AN SSSR. 11: 18-48. 1942. COTTON MALVACEAE: GOSSYPIUM. SALT TOLERANCE
1496. NOVIKOV, V. A.; SADOVSKAJA, R. O. SOAKING OF COTTON SEED IN BORIC ACID AS A MEANS GOING TO SATISFY ITS BORON REQUIREMENT AND INCREASE SALT RESISTANCE. COMPT. REND. (DOKLADY) ACAD. SCI. URSS 23: 276-279. 1939. COTTON MALVACEAE: GOSSYPIUM. POT. SOIL BORON. SEED PRETREATMENT, SALINE SOIL VEGETATIVE GROWTH, LINT YIELD
1497. NUKAYA, A.; MASUI, M.; ISHIDA, A.; OGURA, T. SALT TOLERANCE OF GREEN SOYBEANS. J. JPN. SOC. HORTIC. SCI. 46: 18-25. 1977. SOYBEAN LEGUMINOSAE: GLYCINE MAX. GERMINATION DISHES, SAND, GREENHOUSE SEA WATER VEGETATIVE GROWTH, GERMINATION, MINERAL COMPOSITION, LEAF INJURY, GRAIN YIELD
1498. NUMATA, M.; SHIMADA, T.; NACASHIMA, H. TOLERANCE TO WINDBORNE SALT OF PLANTS AT SEA-SIDE. (JAP). BOT. MAG. (TOKYO) 61: 721-726. 1948. SEA WATER, SALT SPRAY SALT TOLERANCE
1499. O'LEARY, J. W. DEVELOPMENT AND REVERSAL OF PLANT RESPONSES TO SALINITY AND WATER STRESS. MISC. PUBL. USDA ECON. RES. SERV. 1271: 14-24. 1974. BEAN, KIDNEY LEGUMINOSAE: PHASEOLUS VULGARIS. OSMOTIC STRESS, WATER STRESS OSMOTIC PRESSURE
1500. O'LEARY, J. W. THE EFFECT OF SALINITY ON PERMEABILITY OF ROOTS TO WATER. ISRAEL J. BOT. 18: 1-9. 1969. BEAN, KIDNEY LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE, GREENHOUSE SODIUM, CHLORIDE, OSMOTIC PRESSURE WATER CONTENT, ROOT PERMEABILITY
1501. O'LEARY, J. W. HIGH HUMIDITY OVERCOMES LETHAL LEVELS OF SALINITY IN HYDROPONICALLY GROWN SALT SENSITIVE PLANTS. PLANT SOIL 42: 717-721. 1975. BEAN, KIDNEY LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE, GROWTH CHAMBER SODIUM, CHLORIDE, HUMIDITY VEGETATIVE GROWTH
1502. O'LEARY, J. W. THE INFLUENCE OF GROUND WATER SALINITY ON PLANT GROWTH. IN SALINE WATER, MATTOX, R. B. (ED.), TEXAS TECH. PRESS: 57-63. 1970. BEAN: BEET, SUGAR LEGUMINOSAE: PHASEOLUS VULGARIS; CHENOPODIACEAE: BETA VULGARIS. VEGETATIVE GROWTH, SALT TOLERANCE

1503. O'LEARY, J. W. PHYSIOLOGICAL BASIS FOR PLANT GROWTH INHIBITION DUE TO SALINITY. IN FOOD, FIBRE AND THE ARID LANDS. MCGINNIES, W. G.; GOLDMAN, B. J.; PAYLORE, P. (EDS.); UNIV. ARIZ. PRESS, TUCSON: 331-336. 1971. HUMIDITY, GROWTH HORMONE, WATER STRESS VEGETATIVE GROWTH
1504. O'LEARY, J. W. POTENTIAL FOR ADAPTING PRESENT CROPS TO SALINE HABITATS. IN SEED-BEARING HALOPHYTES AS FOOD PLANTS. SOMERS, G. F. (ED.). PROCEEDING OF A CONFERENCE, UNIV. DELA., JUNE 10-11, 1974: 91-114. 1974.
1505. O'LEARY, J. W.; KNECHT, G. N. SALT UPTAKE IN PLANTS GROWN AT CONSTANT HIGH RELATIVE HUMIDITY. ARIZ. ACAD. SCI. 7: 125-128. 1972. BEAN, KIDNEY LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE, GROWTH CHAMBER, POT HUMIDITY, CALCIUM CALCIUM UPTAKE, WATER USE
1506. O'LEARY, J. W.; PRISCO, J. T. RESPONSE OF OSMOTICALLY STRESSED PLANTS TO GROWTH REGULATORS. IN ADVANCING FRONTIERS OF PLANT SCIENCES. LOKESH CHANDRA (ED.) 25: 129-139. 1970. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE, GREENHOUSE SODIUM, CHLORIDE, GROWTH HORMONE, BENZYLADENINE, GIBBERELIC ACID, OSMOTIC PRESSURE, KINETIN VEGETATIVE GROWTH, ROOT GROWTH, CHLOROPHYLL DECAY
1507. ODEGBARO, O. A.; SMITH, O. E. EFFECTS OF KINETIN, SALT CONCENTRATION, AND TEMPERATURE ON GERMINATION AND EARLY SEEDLING GROWTH OF LACTUCA SATIVA L. PROC. AMER. SOC. HORT. SCI. 94: 167-170. 1969 LETTUCE COMPOSITAE: LACTUCA SATIVA. GERMINATION DISHES, WATER CULTURE, SAND, POT SODIUM, CHLORIDE, TEMPERATURE, KINETIN. GERMINATION, SEEDLING GROWTH
1508. ODOM, R. E. FERTILIZER AND LEAF BURN IN CROFT LILIES. SOUTH FLORIST AND NURSERYMAN 64: 86-87. 1952. LILY LILIACEAE: LILIUM. GREENHOUSE, SOIL, POT FERTILIZER, NITROGEN, BORON, MAGNESIUM VEGETATIVE GROWTH, LEAF INJURY
1509. OERTLI, J. J. THE DISTRIBUTION OF NORMAL AND TOXIC AMOUNTS OF BORON IN LEAVES OF ROUGH LEMON. AGRON. J. 52: 530-532. 1960. LEMON RUTACEAE: CITRUS JAMBHIRI. SAND, POT BORON LEAF INJURY, BORON UPTAKE
1510. OERTLI, J. J. EFFECT OF EXTERNAL SALT CONCENTRATIONS ON WATER RELATIONS IN PLANTS: II. EFFECT OF THE OSMOTIC DIFFERENTIAL BETWEEN EXTERNAL MEDIUM AND XYLEM ON WATER RELATIONS IN THE ENTIRE PLANT. SOIL SCI. 102: 258-263. 1966. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE HUMIDITY, SALINITY OSMOTIC POTENTIAL, TRANSPIRATION
1511. OERTLI, J. J. EFFECT OF SALINITY ON SUSCEPTIBILITY OF SUNFLOWER PLANTS TO SMOG. SOIL SCI. 87: 249-251. 1959. SUNFLOWER COMPOSITAE: HELIANTHUS ANNUUS. WATER CULTURE, SAND, POT CHLORIDE, CALCIUM, NITRATE, POTASSIUM, SULFATE, MAGNESIUM, SMOG, SULFUR DIOXIDE, NITROGEN OXIDES, HYDROGEN CHLORIDE, WATER STRESS LEAF INJURY, VEGETATIVE GROWTH
1512. OERTLI, J. J. EFFECTS OF EXTERNAL SALT CONCENTRATIONS ON WATER RELATIONS IN PLANTS. VI. EFFECTS OF THE EXTERNAL OSMOTIC WATER POTENTIAL ON SOLUTE REQUIREMENT, SALT TRANSPORT KINETICS AND GROWTH RATES OF LEAVES. SOIL SCI. 105: 302-310. 1968. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE OSMOTIC PRESSURE, POTASSIUM, CHLORIDE, LIGHT, HUMIDITY ION TRANSPORT KINETICS, VEGETATIVE GROWTH
1513. OERTLI, J. J. EFFECTS OF EXTERNAL SALT CONCENTRATIONS ON WATER RELATIONS IN PLANTS: III. CONCENTRATION DEPENDENCE OF THE OSMOTIC DIFFERENTIAL BETWEEN XYLEM AND EXTERNAL MEDIUM SOIL SCI. 104: 56-62. 1967. TOMATO; SUNFLOWER SOLANACEAE: LYCOPERSICON ESCULENTUM; COMPOSITAE: HELIANTHUS ANNUUS. POT, WATER CULTURE, GREENHOUSE, GROWTH CHAMBER OSMOTIC PRESSURE, POTASSIUM, CALCIUM, CHLORIDE TRANSPIRATION, OSMOTIC POTENTIAL
1514. OERTLI, J. J. EXTRACELLULAR SALT ACCUMULATION, A POSSIBLE MECHANISM OF SALT INJURY IN PLANTS. AGROCHIMICA 12: 461-469. 1968. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE CALCIUM, CHLORIDE, POTASSIUM, OSMOTIC PRESSURE EXTRACELLULAR SALT ACCUMULATION, GUTTATION, TOXICITY
1515. OERTLI, J. J. THE PHYSIOLOGY OF SALT INJURY IN PLANT PRODUCTION. Z. PFLANZENNAEHR BODLNKD.: 195-208. 1976.

1516. OERTLI, J. J.; KOHL, H. C. SOME CONSIDERATIONS ABOUT THE TOLERANCE OF VARIOUS PLANT SPECIES TO EXCESSIVE SUPPLIES OF BORON. SOIL SCI. 92: 243-247. 1961. BEAN; FESCUE, TALL; BLUEGRASS; RYEGRASS, PERENNIAL; CHRYSANTHEMUM; ASTER; MARIGOLD; KALANCHOE; GLADIOLUS; BERMUDA GRASS; COTTON; MUSKMELON; GERANIUM; STOCK; TOMATO; CORN; GERBERA; ROSE; BEGONIA; GUM, SWEET; CARROT; FUCHSIA; HYDRANGEA; FLEUR D'AMOUR; IVY, ALGERIAN; CARNATION; HIBISCUS; AZALEA; BARLEY; LEGUMINOSAE: PHASEOLUS VULGARIS; GRAMINEAE: FESTUCA, POA PRATENSIS, LOLIUM PERENNE, CYNODON DACTYLON, HORDEUM VULGARE, ZEA MAYS; CUCURBITACEAE: CUCUMIS MELO; COMPOSITAE: CHRYSANTHEMUM, ASTER, TAGETES, GERBERA; ROSACEAE: ROSA; SOLANACEAE: LYCOPERSICON ESCULENTUM; MALVACEAE: GOSSYPIUM, HIBISCUS; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA, ERICACEAE: RHODODENDRON; CRASSULACEAE: KALANCHOE; IRIDACEAE: GLADIOLUS; GERANIACEAE: GERANIUM; CRUCIFERAE: MATTHIOLA; BEGONIACEAE: BEGONIA; ONAGRACEAE: FUCHSIA; SAXIFRAGACEAE: HYDRANGEA; ARALIACEAE: HEDERA CANARIENSIS; CARYOPHYLLACEAE: DIANTHUS. POT, SAND, GREENHOUSE BORON TOXICITY, BORON UPTAKE
1517. OERTLI, J. J.; LUNT, O. R.; YOUNGNER, V. B. BORON TOXICITY IN SEVERAL TURFGRASS SPECIES. AGRON. J. 53: 262-265. 1961. BLUEGRASS, KENTUCKY; BENTGRASS, CREEPING; FESCUE, TALL; BENIGRASS, COLONIAL; BERMUDA GRASS; LAWN GRASS, JAPANESE; RYEGRASS, PERENNIAL. GRAMINEAE: POA PRATENSIS, AGROSTIS PALUSTRIS, FESTUCA ARUNDINACEA, AGROSTIS TENUIS, CYNODON DACTYLON, ZOYSIA JAPONICA, LOLIUM PERENNE, PUCCINELLIA DISTANS. WATER CULTURE, POT, SAND, SOIL, FIELD PLOT BORON TOXICITY, LEAF INJURY
1518. OERTLI, J. J.; RICHARDSON, W. F. EFFECTS OF EXTERNAL SALT CONCENTRATIONS ON WATER RELATIONS IN PLANTS: IV. THE COMPENSATION OF OSMOTIC AND HYDROSTATIC WATER POTENTIAL DIFFERENCES BETWEEN ROOT XYLEM AND EXTERNAL MEDIUM. SOIL SCI. 105: 177-183. 1968. SUNFLOWER; TOMATO. SOLANACEAE: LYCOPERSICON ESCULENTUM; COMPOSITAE: HELIANTHUS ANNUUS. GROWTH CHAMBER, GREENHOUSE OSMOTIC PRESSURE, CHLORIDE TRANSPIRATION, OSMOTIC POTENTIAL
1519. OGANESIAN, A. P. ON SALT RESISTANCE OF PERENNIAL GRASSES. SOVIET AGRON. 11: 1-70. 1953. ALFALFA; FESCUE; RYEGRASS; WHEATGRASS, CRESTED; ORCHARD GRASS; BROMEGRASS; MILLET; CLOVER; TIMOTHY. LEGUMINOSAE: MEDICAGO SATIVA, MEDICAGO ARABICA, TRIFOLIUM RESUPINATUM; GRAMINEAE: AGROPYRON CRISTATUM, PHELIUM PRATENSE, BROMUS INERMIS, DACTYLIS GLOMERATA, LOLIUM PERENNE, LOLIUM MULTIFLORUM, FESTUCA ELATIOR, SETARIA. GERMINATION DISHES, FIELD, SOIL SODIUM, CHLORIDE, SULFATE, MAGNESIUM, SALINE SOIL GERMINATION, VEGETATIVE GROWTH, SALT TOLERANCE
1520. OGANESIAN, A. P. ON THE SALT RESISTANCE OF SOME FRUIT CROPS. (RUS). BOT. ZHUR. (MOSKVA) 38: 744-751. 1953. PEACH; WALNUT; PEAR; OLIVE, WILD; ALMOND; PISTACHIO; PLUM; MULBERRY; POMEGRANATE; APPLE; APRICOT; RASPBERRY; PEPSIMON; JUJUBE. ROSACEAE: MALUS SYLVESTRIS, PRUNUS AMYGDALUS, PRUNUS ARMENIACA, PRUNUS PERSICA, PYRUS COMMUNIS, PRUNUS DOMESTICA, RUBUS CAESIUS; RHAMNACEAE: ZIZIPHUS JUJUBA; MORACEAE: MORUS ALBA; JUGLANDACEAE: JUGLANS REGIA; PUNICACEAE: PUNICA GRANATUM; EBENACEAE: DIOSPYROS LOTUS, DIOSPYROS KAKI; ELAEAGNACEAE: ELAEAGNUS ANGUSTIFOLIA; ANACARDIACEAE: PISTACIA MUTICA. FIELD, SOIL SALINE SOIL, BICARBONATE, SULFATE, CHLORIDE SALT TOLERANCE
1521. OGANESIAN, A. P. SALT RESISTANCE OF SOME FIELD CROPS. POCHOVEDENIYE 10: 32-41. 1954. RYEGRASS; ORCHARD GRASS; FESCUE; MILLET; CORN; COTTON; ALFALFA; CLOVER; TIMOTHY; WHEATGRASS, CRESTED; BROMEGRASS. LEGUMINOSAE: MEDICAGO SATIVA, MEDICAGO ARABICA, TRIFOLIUM RESUPINATUM; GRAMINEAE: AGROPYRON CRISTATUM, PHELIUM PRATENSE, BROMUS INERMIS, DACTYLIS GLOMERATA, LOLIUM PERENNE, LOLIUM MULTIFLORUM, FESTUCA ELATIOR, SETARIA. POT, GERMINATION DISHES, FIELD, SOIL SODIUM, CHLORIDE, SULFATE, MAGNESIUM, SALINE SOIL GERMINATION, VEGETATIVE GROWTH
1522. OGASA, T. EFFECT OF ALKALINE-SALTS ON THE GERMINATION OF SEEDS. I. EFFECT OF NaCl SOLUTIONS ON THE GERMINATION OF SOYBEANS, ESPECIALLY ON THE INFLUENCES AT HIGH AND LOW TEMPERATURES. (JAP; ENG SUM). REPT. INST. SCI. RES. MANCHOUKOU 3: 303-316. 1939. SOYBEAN. LEGUMINOSAE: GLYCINE MAX. WATER CULTURE SODIUM, CHLORIDE, TEMPERATURE GERMINATION, VEGETATIVE GROWTH
1523. OGATA, G.; MAAS, E. V. INTERACTIVE EFFECTS OF SALINITY AND OZONE ON GROWTH AND YIELD OF GARDEN BEET. J. ENVIRON. QUAL. 2: 518-520. 1974. BEET. CHENOPODIACEAE: BETA VULGARIS. POT, WATER CULTURE, GROWTH CHAMBER SODIUM, CALCIUM, CHLORIDE, OZONE, AIR POLLUTION LEAF INJURY, VEGETATIVE GROWTH, ROOT GROWTH
1524. OGO, T. STUDIES ON SALINE INJURY IN CROPS. III. THE RELATION BETWEEN THE AIR SUPPLY TO THE ROOT ZONES AND THE DEVELOPMENT OF SYMPTOMS OF SALINE INJURY IN WHEAT PLANTS. (JAP; ENG SUM). PROC. CROP SCI. SOC. (JAPAN) 24: 314. 1956. WHEAT. GRAMINEAE: TRITICUM AESTIVUM. FIELD PLOT SOIL SODIUM, CHLORIDE, ANAEROBIC CONDITIONS



TOXICITY. VEGETATIVE GROWTH

1525. OGO, T. STUDIES ON THE SALINE INJURY TO CROPS. V. SODIUM AND CHLORIDE ACCUMULATION AND MOISTURE IN LEAVES ASSOCIATED WITH LEAF-BURN SYMPTOMS IN RICE. BULL. SHIMANE AGRIC. COLLEGE 7: 1-6. 1959. RICE GRAMINEAE: ORYZA SATIVA. POT. SAND SODIUM. CHLORIDE VEGETATIVE GROWTH. LEAF INJURY
1526. OGO, T. STUDIES ON THE SALT TOLERANCE OF CROPS. VARIATIONS IN ELECTROPHORETIC PATTERNS OF WATER-SOLUBLE PROTEINS OF SALINE CROPS (2). BULL. SHIMANE AGRIC. COLLEGE 15A: 5-8. 1967. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SAND VARIETY. SODIUM. CHLORIDE PROTEIN. ACID PHOSPHATASE
1527. OGO, T.; HORIE, Y. STUDIES ON THE SALT TOLERANCE IN CROPS. 3. CHLORIDE CONTENT OF LEAF-BLADE IN SALINE CROPS. (JAP; ENG SUM). BULL. SHIMANE AGRIC. COLLEGE 11A: 1-4. 1963. RICE: WHEAT GRAMINEAE: ORYZA SATIVA, TRITICUM AESTIVUM. SODIUM. CHLORIDE LEAF INJURY. CHLORIDE UPTAKE
1528. OGO, T.; MORIWAKI, S. RELATIONSHIP BETWEEN CERTAIN NITROGEN FRACTIONS IN LEAF-BLADE OF CROPS AND SALT TOLERANCE. (JAP; ENG SUM). BULL. SHIMANE AGRIC. COLLEGE 13A: 5-9. 1965. WHEAT: RICE GRAMINEAE: ORYZA SATIVA, TRITICUM AESTIVUM. NITROGEN. GROWTH STAGE. SODIUM. CHLORIDE SALT TOLERANCE. NITROGEN UPTAKE
1529. OGO, T.; NISHIKAWA, S. CHANGES OF LEAF WATER CONTENT IN THE "SALINE" CROPS. (JAP; ENG SUM). PROC. CROP SCI. SOC. JAPAN 28: 211-212. 1959. RICE: WHEAT: BARLEY GRAMINEAE: ORYZA SATIVA, TRITICUM AESTIVUM, HORDEUM VULGARE. SAND SODIUM. CHLORIDE WATER CONTENT
1530. OGO, T.; NISHIKAWA, S. SALINE INJURY ON RICE PLANT CROWN UNDER THE NUTRIENT DEFICIENCIES. (JAP; ENG SUM). BULL. SHIMANE AGRIC. COLLEGE 8A: 1-8. 1960. RICE GRAMINEAE: ORYZA SATIVA. FIELD PLOT. SOIL SODIUM. CHLORIDE. NUTRIENT DEFICIENCY TRANSPIRATION. LEAF INJURY. VEGETATIVE GROWTH
1531. OGO, T.; SASAI, K. STUDIES ON THE SALINE INJURY ON CROPS. I. ON THE EFFECT ON THE GROWTH AND THE DAMAGE ON THE HARVEST OF WHEAT AS PRODUCED BY SALINE IRRIGATION WATER AT DIFFERENT GROWING PERIODS. (JAP; ENG SUM). OKAYAMA PREF. AGRIC. EXPT. STA. BULL. 51: 27-38. 1955. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL GROWTH STAGE. SODIUM. CHLORIDE VEGETATIVE GROWTH
1532. OGO, T.; SASAI, K. STUDIES ON THE SALINE INJURY ON CROPS. I-2. THE EFFECT ON THE GROWTH AND ON THE MATURITY OF WHEAT AS PRODUCED BY THE SALINE WATER IRRIGATION AT THE EAR FORMATION PERIOD. (JAP; ENG SUM). OKAYAMA UNIV. FAC. AGRIC. SCI. REPT. 6: 43-50. 1955. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SODIUM. CHLORIDE VEGETATIVE GROWTH. GRAIN YIELD. SEED WEIGHT
1533. ONNIS, A.; BELLETTATO, R. DORMIENZA E ALTO TOLLERANZA IN DUE SPECIE SPONTANEE DI HORDEUM (H. MURINUM L. E H. MARINUM HUDS.). DORMANCY AND SALT TOLERANCE IN TWO SPONTANEOUS SPECIES OF HORDEUM. (ITA; ENG SUM). GIORN. BOT. ITAL. 106: 101-113. 1972. BARLEY GRAMINEAE: HORDEUM MURINUM, HORDEUM MARINUM. GERMINATION DISHES CHLORIDE. SODIUM GERMINATION. DORMANCY. SALT TOLERANCE
1534. ONNIS, A.; MANZZANTI, M. ALTHENIA FILIFORMIS PETIT: AZIONE TEMPERATURA E DELL'ACQUA DI MARE SULLA GERMINAZIONE. EFFECTS OF TEMPERATURE AND SEA WATER ON GERMINATION BEHAVIOR OF ALTHENIA FILIFORMIS PETIT. SEEDS. (ITA; ENG SUM). GIORN. BOT. ITAL. 105: 121-143. 1971. ZANNICHELLIACEAE: ALTHENIA FILIFORMIS. WATER CULTURE SEA WATER. SODIUM. CHLORIDE. SEED PRETREATMENT. TEMPERATURE GERMINATION
1535. ONNIS, A.; MICELI, P. PUCCINELLIA FESTUCAEFORMIS (HOST.) PAFL.: DORMIENZA E INFLUENZA DELLA SALINITA SULLA GERMINAZIONE. PUCCINELLIA FESTUCAEFORMIS SEED DORMANCY AND EFFECTS OF SALINITY ON GERMINATION. (ITA; ENG SUM). GIORN. BOT. ITAL. 109: 27-37. 1975. ALKALI GRASS GRAMINEAE: PUCCINELLIA FESTUCAEFORMIS. GERMINATION DISHES SODIUM. CHLORIDE. TEMPERATURE GERMINATION. DORMANCY
1536. OOSTING, H. J. TOLERANCE TO SALT SPRAY OF PLANTS OF COASTAL DUNES. ECOLOGY 26: 85-89. 1945. NATIVE VEGETATION CHENOPODIACEAE: ATRIPLEX ARENARIA. CHENOPODIUM AMBROSIODES; LEGUMINOSAE: STROPHOSTYLES HELVOLA; EUPHORBIACEAE:



- CROTON PUNCTATUS. EUPHORBIA POLYGONIFOLIA: GRAMINEAE: SPARTINA PATENS. UNIOLA PANICULATA. CHLORIS PETRAEA. CYNODON DACTYLON: COMPOSITAE: SOLIDAGO MEXICANA. IVA IMBRICATA. IVA FRUTESCENS. BORRICHIA FRUTESCENS. HETEROTHECA SUBAXILLARIS. LEPTILON CANADENSE. FIELD. SOIL SALT SPRAY SALT TOLERANCE. LEAF INJURY
1537. OOSTING, H. J.; BILLINGS, W. D. FACTORS AFFECTING VEGETATIONAL ZONATION ON COASTAL DUNES. ECOLOGY 23: 131-142. 1942. NATIVE VEGETATION EUPHORBIACEAE: EUPHORBIA POLYGONIFOLIA. CROTON PUNCTATUS: CHENOPODIACEAE: CHENOPODIUM ANTHELMINTICUM: COMPOSITAE: LEPTILON CANADENSE. SOLIDAGO MEXICANA. HETEROTHECA SUBAXILLARIS: XYRIDACEAE: XYRIS: LILIACEAE: SMILAX BONA-NOX: GRAMINEAE: UNIOLA PANICULATA. ANDROPOGON LITORALIS. CENCRUS TRIBULOIDES: SOLANACEAE: PHYSALIS VISCOSA. SOLANUM CAROLINENSE: CRUCIFERAE: CAKILE IDENTULA. LEPIDIUM VIRGINICUM: (NAGRACEAE: OENOTHERA HUMIFUSA: CYPERACEAE: FIMBRISTYLIS CASTANEA: MYRICACEAE: MYRICA CERIFERA: JUNCACEAE: JUNCUS MEGACEPHALUS: VITACEAE: PARTHENOCISSUS QUINQUEFOLIA. FIELD SOIL SALT SPRAY ECOLOGY. VEGETATIVE GROWTH
1538. ORLOVSKII, N. V.; KUPSTOVA, A. M. THE CHIEF CAUSES OF THE TOXIC PHENOMENA FOR PLANTS ON SOILONETS. (RUS: ENG SUM). PEDOLOGY 9: 73-91. 1939. PEA: WHEAT LEGUMINOSAE: PISUM SATIVUM: GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL EXCHANGEABLE SODIUM PERCENTAGE. CALCIUM. CARBONATE. SODIUM TOXICITY
1539. ORTEGA, B. C. ESTUDIO DEL CULTIVO DEL TREBOL FRENTE A TRATAMIENTOS DE ACIDO HUMICO Y SALINIDAD. STUDY OF THE CULTURE OF TREFOIL IN RELATION WITH TREATMENTS OF HUMIC ACID AND SALINITY. (SPA. ENG SUM). AN. EDAPOL. AGROBIOL. 30: 905-914. 1971. CLOVER LEGUMINOSAE: TRIFOLIUM TRIFOLIATA. WATER CULTURE CHLORIDE. CALCIUM. SODIUM. SULFATE. MAGNESIUM. HUMIC ACID PROTEIN. MINERAL COMPOSITION
1540. OSAWA, T. EFFECT OF THE AVAILABLE NITROGEN DIFFERENT IN FORMS ON PAK-CHOI. BRASSICA CHINENSIS L. INJURED BY THE SALINITY. FULL. UNIV. OSAKA PREF. SERIES B5: 15-18. 1955. PAK-CHOI CRUCIFERAE: BRASSICA CHINENSIS. POT. SAND. GREENHOUSE SODIUM. CHLORIDE. NITRATE. AMMONIUM VEGETATIVE GROWTH. MINERAL COMPOSITION
1541. OSAWA, T. EFFECT OF THE STAGE OF GROWTH ON THE SALT TOLERANCE OF SOME VEGETABLE CROPS. (JAP: ENG SUM). J. JPN. SOC. HORT. SCI. 35: 291-296. 1966. HORNWORT. JAPANESE: PAK-CHOI: SPINACH: CHARD CERATOPHYLLACEAE: CERATOPHYLLUM: CRUCIFERAE: BRASSICA CHINENSIS: CHENOPODIACEAE: SPINACIA OLERACEA. BETA VULGARIS VAR CICLA. SAND. GREENHOUSE SODIUM. CHLORIDE VEGETATIVE GROWTH. SEEDLING GROWTH. SODIUM UPTAKE. CHLORIDE UPTAKE
1542. OSAWA, T. EFFECTS OF VARIOUS CONCENTRATIONS OF SODIUM CHLORIDE ON THE GROWTH, FLOWERING, FRUIT-BEARING, AND CHEMICAL COMPOSITION OF EGG-PLANTS IN SAND CULTURE. (JAP: ENG SUM). HORT. ASSOC. JAPAN 26: 9-14. 1957. EGGPLANT SOLANACEAE: SOLANUM ESCULENTUM. SAND. GREENHOUSE. POT SODIUM. CHLORIDE VEGETATIVE GROWTH. FLOWERING. FRUIT QUALITY. MINERAL COMPOSITION
1543. OSAWA, T. STUDIES ON THE SALT TOLERANCE OF VEGETABLE CROPS IN SAND CULTURE. I. ON FRUIT VEGETABLES. (JAP: ENG SUM). HORT. ASSOC. JAPAN 29: 294-304. 1960. TOMATO: PEPPER: CUCUMBER: BEAN. BROAD: BEAN. SNAP. STRAWBERRY SOLANACEAE: LYCOPERSICON ESCULENTUM. CAPSICUM FRUTESCENS: CUCURBITACEAE: CUCUMIS SATIVUS: LEGUMINOSAE: VICIA FABA. PHASEOLUS VULGARIS: ROSACEAE: FRAGARIA. SAND. GREENHOUSE SODIUM. CHLORIDE SALT TOLERANCE. LEAF INJURY. MINERAL COMPOSITION. CARBOHYDRATE
1544. OSAWA, T. STUDIES ON THE SALT TOLERANCE OF VEGETABLE CROPS IN SAND CULTURE. II. ON LEAF VEGETABLES. (JAP: ENG SUM). JPN. SOC. HORT. SCI. J. 30: 48-56. 1961. CABBAGE: SPINACH: CABBAGE. CHINESE. CELERY: ONION: LETTUCE: HORNWORT. JAPANESE CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA. BRASSICA PEKINENSIS: CHENOPODIACEAE: SPINACIA OLERACEA: COMPOSITAE: LACTUCA SATIVA: UMBELLIFERAE: APIUM GRAVEOLENS VAR DULCE: ALIARYLLIDACEAE: ALLIUM CEPA: CERATOPHYLLACEAE: CERATOPHYLLUM. SAND. GREENHOUSE SODIUM. CHLORIDE VEGETATIVE GROWTH. MINERAL COMPOSITION
1545. OSAWA, T. STUDIES ON THE SALT TOLERANCE OF VEGETABLE CROPS IN SAND CULTURE. III. ON ROOT VEGETABLES. (JAP: ENG SUM). JPN. SOC. HORT. SCI. J. 30: 161-166. 1961. RADISH: TURNIP: CARROT CRUCIFERAE: RAPHANUS SATIVUS. BRASSICA RAPA: UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA. SAND. GREENHOUSE SODIUM. CHLORIDE VEGETATIVE GROWTH. LEAF INJURY. MINERAL COMPOSITION
1546. OSAWA, T. STUDIES ON THE SALT TOLERANCE OF VEGETABLE CROPS IN SAND CULTURE. IV. ON THE RELATIVE SALT TOLERANCE AND THE



- SALT INJURY OF VEGETABLE CROPS WITH SPECIAL REFERENCE TO THE MINERAL NUTRITION. (JAP; ENG SUM). JPN. SOC. HORT. SCI. J. 30: 241-252. 1961. PAK-CHOI; CABBAGE; RADISH; CABBAGE, CHINESE; CELERY; TOMATO; SPINACH; TURNIP; EGGPLANT; ONION; LETTUCE; STRAWBERRY; CARROT; PEPPER; CUCUMBER; PARSLEY; BEAN, BROAD; BEAN; CRUCIFERAE; BRASSICA CHINENSIS, BRASSICA OLERACEA VAR CAPITATA, RAPHANUS SATIVUS, BRASSICA PEKINENSIS, BRASSICA RAPA; COMPOSITAE; LACTUCA SATIVA; UMBELLIFERAE; APIUM GRAVEOLENS, PETROSELINUM CRISPUM, DAUCUS CAROTA VAR SATIVA; SOLANACEAE; LYCOPERSICON ESCULENTUM, CAPSICUM FRUTESCENS, SOLANUM MELONGENA; CHENOPODIACEAE; SPINACIA OLERACEA; AMARYLLIDACEAE; ALLIUM CEPA; CUCURBITACEAE; CUCUMIS SATIVUS; LEGUMINOSAE; PHASEOLUS VULGARIS, VICIA FABA. SAND, GREENHOUSE SODIUM, CHLORIDE VEGETATIVE GROWTH, NUTRITION, SALT TOLERANCE
1547. OSAWA, T. STUDIES ON THE SALT TOLERANCE OF VEGETABLE CROPS WITH SPECIAL REFERENCE TO MINERAL NUTRITION. (JAP; ENG SUM). BULL. UNIV. OSAKA PREF. SERIES B16: 13-57. 1965. EGGPLANT; TOMATO; PEPPER; CUCUMBER; BEAN, BROAD; BEAN; KIDNEY; STRAWBERRY; PAK-CHOI; CABBAGE; SPINACH; CABBAGE, CHINESE; ONION, WELSH; ONION; LETTUCE; HORNWORT, JAPANESE; RADISH; TURNIP; CARROT; SOLANACEAE; LYCOPERSICON ESCULENTUM, CAPSICUM FRUTESCENS, SOLANUM MELONGENA; UMBELLIFERAE; DAUCUS CAROTA VAR SATIVA, APIUM GRAVEOLENS VAR DULCE; CUCURBITACEAE; CUCUMIS SATIVUS; COMPOSITAE; LACTUCA SATIVA; LEGUMINOSAE; PHASEOLUS VULGARIS, VICIA FABA; CHENOPODIACEAE; SPINACIA OLERACEA; ROSACEAE; FRAGARIA; AMARYLLIDACEAE; ALLIUM CEPA, ALLIUM FISTULOSUM; CRUCIFERAE; BRASSICA OLERACEA VAR CAPITATA, RAPHANUS SATIVUS, BRASSICA RAPA, BRASSICA CHINENSIS, BRASSICA PEKINENSIS; CERATOPHYLLACEAE; CERATOPHYLLUM. SAND, POT, GREENHOUSE SODIUM, CHLORIDE TOXICITY, MINERAL COMPOSITION
1548. OSAWA, T. STUDIES ON THE SALT TOLERANCE OF VEGETABLE CROPS WITH SPECIAL REFERENCE TO OSMOTIC EFFECTS AND SPECIFIC ION EFFECTS. (JAP; ENG SUM). J. JPN. SOC. HORT. SCI. 32: 211-223. 1963. SPINACH; TURNIP; CELERY; ONION, WELSH; BEAN, KIDNEY; CHARD; CHENOPODIACEAE; BETA VULGARIS VAR CICA, SPINACIA OLERACEA; CRUCIFERAE; BRASSICA RAPA; AMARYLLIDACEAE; ALLIUM FISTULOSUM; LEGUMINOSAE; PHASEOLUS VULGARIS; UMBELLIFERAE; APIUM GRAVEOLENS. SAND, GREENHOUSE SODIUM, CALCIUM, MAGNESIUM, POTASSIUM, CHLORIDE, SULFATE MINERAL COMPOSITION, LEAF INJURY, VEGETATIVE GROWTH
1549. OSAWA, T. STUDIES ON THE SODIUM CHLORIDE INJURY OF VEGETABLE CROPS IN RELATION TO THE FORM OF NITROGEN IN SAND CULTURE. I. ON SOME FRUIT VEGETABLES. (JAP; ENG SUM). JPN. SOC. HORT. SCI. J. 31: 53-63. 1962. TOMATO; CUCUMBER; BEAN, KIDNEY; SOLANACEAE; LYCOPERSICON ESCULENTUM; CUCURBITACEAE; CUCUMIS SATIVUS; LEGUMINOSAE; PHASEOLUS VULGARIS. SAND, GREENHOUSE SODIUM, CHLORIDE, AMMONIUM, NITRATE VEGETATIVE GROWTH, LEAF INJURY, SODIUM UPTAKE, CHLORIDE UPTAKE
1550. OSAWA, T. STUDIES ON THE SODIUM CHLORIDE INJURY OF VEGETABLE CROPS IN RELATION TO THE FORM OF NITROGEN IN SAND CULTURE. II. ON SOME LEAF VEGETABLES AND ROOT VEGETABLES. (JAP; ENG SUM). JPN. SOC. HORT. SCI. J. 31: 157-167. 1962. SPINACH; CABBAGE, CHINESE; CELERY; TURNIP; CARROT; CRUCIFERAE; BRASSICA PEKINENSIS, BRASSICA RAPA; CHENOPODIACEAE; SPINACIA OLERACEA; UMBELLIFERAE; DAUCUS CAROTA VAR SATIVA, APIUM GRAVEOLENS. SAND, GREENHOUSE SODIUM, CHLORIDE, AMMONIUM, NITRATE VEGETATIVE GROWTH CHLORIDE UPTAKE, SODIUM UPTAKE
1551. OSAWA, T. STUDIES ON THE SODIUM CHLORIDE INJURY OF VEGETABLE CROPS IN RELATION TO THE FORM OF NITROGEN SUPPLIED AND THE CALCIUM NUTRITION IN SAND CULTURE. (JAP; ENG SUM). JPN. SOC. HORT. SCI. J. 31: 227-234. 1962. SPINACH; CABBAGE, CHINESE; CRUCIFERAE; BRASSICA PEKINENSIS; CHENOPODIACEAE; SPINACIA OLERACEA. SAND, GREENHOUSE CALCIUM, NITRATE, AMMONIUM, CHLORIDE, SODIUM MINERAL COMPOSITION
1552. OSMOND, C. B. HALOPHYTES AND ADAPTATION TO SALINITY. PROC. WORKSHOP ON SALT EFFECTS ON PLANT STRUCTURES AND PROCESSES, RIVERSIDE, CALIF. APRIL 1976: 79-80. 1976.
1553. OSMOND, C. B.; GREENWAY, H. SALT RESPONSES OF CARBOXYLATION ENZYMES FROM SPECIES DIFFERING IN SALT TOLERANCE. PLANT PHYSIOL. 49: 260-263. 1972. CORN; BEAN; SALTBUSH; GRAMINAE; ZEA MAYS; LEGUMINOSAE; PHASEOLUS VULGARIS; CHENOPODIACEAE; ATRIPLEX SPONGIOSA, ATRIPLEX NUMMULARIA. SODIUM, CHLORIDE, POTASSIUM, SULFATE, PHOSPHOENOLPYRUVATE CARBOXYLASE, RIBULOSE DISPHOSPHATE CARBOXYLASE ENZYME ACTIVITY
1554. OTA, K.; HAYASHI, H. STUDIES ON THE SALT INJURY TO CROPS. IX. EFFECT OF SODIUM CHLORIDE ON THE ROOT DEVELOPMENT OF THE YOUNG WHEAT PLANT. (JAP; ENG SUM). GIFU UNIV. FAC. AGRIC. RES. BULL. 6: 21-27. 1956. WHEAT; GRAMINEAE;



TRITICUM AESTIVUM. TEST TUBE. WATER CULTURE SODIUM, CHLORIDE ROOT GROWTH, RESPIRATION, WATER UPTAKE

1555. OTA, K.: HAYASHI, H.: KARIYA, T. STUDIES ON THE SALT INJURY TO CROPS. VII. ON THE RESISTANCE OF WHEAT TO SALT INJURIES UNDER THE VARYING CONCENTRATIONS OF NUTRIENT SOLUTION. (JAP: ENG SUM). GIFU UNIV. FAC. AGRIC. RES. BULL. 5: 31-36. 1955. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SAND SODIUM, CHLORIDE VEGETATIVE GROWTH, SODIUM UPTAKE, CHLORIDE UPTAKE
1556. OTA, K.: OGO, T. FUNDAMENTAL STUDIES ON SALINE INJURY ON WHEAT PLANTS. (JAP). OKAYAMA PREF. AGRIC. EXPT. STA. SPEC. BULL. 49: 17-24. 1954. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SODIUM, CHLORIDE AMYLASE, SUGAR, STARCH, MINERAL COMPOSITION, CHLORIDE UPTAKE
1557. OTA, K.: OGO, T. STUDIES ON THE SALT INJURY IN WHEAT PLANT. I. THE INFLUENCE OF NaCl SOLUTIONS UPON THE GERMINATION AND THE GROWTH OF SEEDLING. (JAP: ENG SUM). CROP SCI. SOC. JAPAN PROC. 22: 77-78. 1953. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE SODIUM, CHLORIDE, GLUCOSE, SEA WATER GERMINATION, SEEDLING GROWTH, ENZYME ACTIVITY, AMYLASE, PEROXIDASE
1558. OTA, K.: OGO, T.: OMORI, N. STUDIES ON THE SALT INJURY IN CROPS. V. INFLUENCE OF NaCl SOLUTIONS UPON THE GERMINATION IN WHEAT. (JAP: ENG SUM). SCI. REPT. FAC. AGRIC. OKAYAMA UNIV. 2: 28-37. 1953. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE SODIUM, CHLORIDE, GLUCOSE, SEA WATER ENZYME ACTIVITY, AMYLASE, PEROXIDASE, SEEDLING GROWTH, GERMINATION
1559. OTA, K.: OGO, T.: SASAI, K. STUDIES ON THE SALT INJURY ON CROPS. IX. ON THE INFLUENCES OF THE SALINE IRRIGATION WATER UPON THE SHAPE OF RICE KERNELS. (JAP: ENG SUM). OKAYAMA AGRIC. EXPT. STA. SPEC. BULL. 51: 21-26. 1955. RICE GRAMINEAE: ORYZA SATIVA. SOIL SODIUM, CHLORIDE GRAIN SHAPE
1560. OTA, K.: OGO, T.: SASAI, K. STUDIES ON THE SALT INJURY ON CROPS. VII. RELATION BETWEEN THE METALLIC ELEMENTS METABOLISM OF WHEAT AND THE SALT INJURY. (JAP: ENG SUM). SCI. REPT. FAC. AGRIC. OKAYAMA UNIV. 4: 1-6. 1954. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE SODIUM, CHLORIDE MINERAL COMPOSITION
1561. OTA, K.: YASUE, T. STUDIES ON SALT INJURY TO CROPS. XII. THE EFFECT OF SODIUM CHLORIDE SOLUTION ON THE GERMINATION FORCE OF PADDY RICE SEEDS. (JAP: ENG SUM). PROC. CROP SCI. SOC. JAPAN 27: 223-225. 1958. RICE GRAMINEAE: ORYZA SATIVA. GERMINATION DISHES, WATER CULTURE SODIUM, CHLORIDE, VARIETY GERMINATION
1562. OTA, K.: YASUE, T. STUDIES ON SALT INJURY TO CROPS. XIV. RELATION BETWEEN THE TEMPERATURE AND SALT INJURY IN PADDY RICE. PROC. CROP SCI. SOC. JAPAN 28: 33-34. 1959. RICE GRAMINEAE: ORYZA SATIVA. GREENHOUSE, POT TEMPERATURE, SODIUM, CHLORIDE TRANSPIRATION, SALT TOLERANCE
1563. OTA, K.: YASUE, T. STUDIES ON THE SALT INJURY TO CROPS. XI. THE DIFFERENCES OF THE SALT RESISTANCE IN THE YOUNG WHEAT VARIETIES. (JAP: ENG SUM). GIFU. IMP. COLL. AGRIC. RES. BULL. 8: 14-22. 1957. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GERMINATION DISHES SODIUM, CHLORIDE, VARIETY GERMINATION, SALT TOLERANCE, SEEDLING GROWTH
1564. OTA, K.: YASUE, T.: IWATSUKU, M. STUDIES ON THE SALT INJURY TO CROPS. X. RELATIONS BETWEEN THE SALT INJURY AND THE POLLEN GERMINATION IN RICE. (JAP: ENG SUM). GIFU UNIV. FAC. AGRIC. RES. BULL. 7: 15-20. 1956. RICE GRAMINEAE: ORYZA SATIVA. POT. WATER CULTURE SODIUM, CHLORIDE GERMINATION, VEGETATIVE GROWTH
1565. OTA, K.: YASUE, T.: NAKAGAWA, M. STUDIES ON THE SALT INJURY TO CROPS. XIII. THE VARIETAL DIFFERENCES OF THE SALT RESISTANCE IN GERMINATION AND SEEDLING GROWTH OF RICE PLANT. (JAP: ENG SUM). GIFU. UNIV. FAC. AGRIC. RES. BULL. 9: 7-11. 1958. RICE GRAMINEAE: ORYZA SATIVA. GERMINATION DISHES, FIELD PLOT, SOIL SODIUM, CHLORIDE, VARIETY GERMINATION, SEEDLING GROWTH, SALT TOLERANCE
1566. OTA, T. INCREASING TOLERANCE OF KIDNEY BEAN PLANT TO TOXIC LEVELS OF SODIUM CHLORIDE AND AMMONIUM SULFATE THROUGH APPLICATION OF B995. PLANT CELL PHYSIOL. 5: 255-258. 1964. BEAN, KIDNEY LEGUMINOSAE: PHASEOLUS VULGARIS. SOIL, POT B 995. SODIUM, CHLORIDE, AMMONIUM, SULFATE VEGETATIVE GROWTH, SALT TOLERANCE

1567. OWEN, P. C. THE RELATION OF GERMINATION OF WHEAT TO WATER POTENTIAL. J. EXPT. BOT. 3: 188-203. 1952. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GROWTH CHAMBER. SOIL WATER STRESS. TEMPERATURE. SODIUM. CHLORIDE. HUMIDITY GERMINATION. WATER CONTENT
1568. OZEROV, G. C. THE SALT RESISTANT OLIVES. (RUS). DOK. AKAD. NAUK. SSSR 72: 409. 1950. OLIVE OLEACEAE: OLEA EUROPAEA. SOIL SALINE SOIL SALT TOLERANCE
1569. OZTAN, B.; DINCER, D. RICE GROWING FOR RECLAMATION OF SALT AND SODIUM AFFECTED SOILS IN THE CUKUROVA PLAIN. IN SALINITY PROBLEMS IN THE ARID ZONES. PROC. TEHERAN SYMP. ARID ZONE RES. 14: 291-294. UNESCO, PARIS. 1961. RICE GRAMINEAE: ORYZA SATIVA. FIELD PLOT. SOIL SALINE SOIL. ALKALI SOIL. LEACHING. GYPSUM RECLAMATION. EXCHANGEABLE SODIUM PERCENTAGE
1570. PAJANISSAMY, N.; MOSI, A. D. STUDIES ON SALINE IRRIGATION WATERS: 1. INFLUENCE ON GROWTH YIELD AND COMPOSITION OF RICE (ORYZA SATIVA L.) VAR. PADMA. MADRAS AGRIC. J. 60: 799-803. 1973. RICE GRAMINEAE: ORYZA SATIVA. POT. SOIL SODIUM ADSORPTION RATIO VEGETATIVE GROWTH. MINERAL COMPOSITION
1571. PALFI, G. THE EFFECT OF SODIUM SALTS ON THE NITROGEN, PHOSPHORUS, POTASSIUM, SODIUM AND AMINO ACID CONTENT OF RICE SHOOTS. PLANT SOIL 22: 127-135. 1965. RICE GRAMINEAE: ORYZA SATIVA. POT. SAND. GREENHOUSE SODIUM ENZYME ACTIVITY. MINERAL COMPOSITION. AMINO ACID
1572. PALFI, G. A NATRIUMSOK HATASA A RIZSHAJTAS NITROGEN, FOSZFOR ES AMINOSAV TARTALMARA. THE EFFECT OF SODIUM SALTS ON THE NITROGEN, PHOSPHORUS AND AMINO-ACID CONTENT OF RICE SHOOTS. (HUN: FRE SUM). AGROKEM. TALAUT. 12: 361-370. 1963. RICE GRAMINEAE: ORYZA SATIVA. SODIUM. CHLORIDE. SULFATE AMINO ACID. NITROGEN UPTAKE. PHOSPHORUS UPTAKE. ASPARAGINE. GLUTAMIC ACID. GLUTAMINE. ALANINE
1573. PALFI, G.; JUHASZ, J. INCREASE OF THE FREE PROLINE LEVEL IN WATER DEFICIENT LEAVES AS A REACTION TO SALINE OR COLD ROOT MEDIA. ACTA AGRON. ACAD. SCI. HUNG. 19:79-88. 1970. PAPRIKA; SUNFLOWER; BEAN; PEA SOLANACEAE: CAPSICUM ANNUUM; LEGUMINOSAE: PISUM SATIVUM. PHASEOLUS VULGARIS; COMPOSITAE: HELIANTHUS ANNUUS. POT. SOIL TEMPERATURE. SODIUM. CHLORIDE. MAGNESIUM. SULFATE. POTASSIUM. CALCIUM WATER UPTAKE. PROLINE, WATER CONTENT
1574. PALIWAL, K. V.; ANJANEYULU, B. S. R. GROWTH OF WHEAT AND GRAM UNDER SALINE-ALKALI FIELD CONDITIONS. MADRAS AGRIC. J. 54: 169-175. 1967. WHEAT; GRAM. BLACK GRAMINEAE: TRITICUM AESTIVUM; LEGUMINOSAE: PHASEOLUS MUNGO. FIELD. SOIL SALINE SOIL. ALKALINE SOIL VEGETATIVE GROWTH. SALT TOLERANCE
1575. PALIWAL, K. V.; GANDHI, A. P. ANION EFFECT ON GERMINATION OF SOME JOWAR AND PADDY VARIETIES IN SALINE SUBSTRATE. INDIAN J. PLANT PHYSIOL. 11: 62-67. 1968. SORGHUM; RICE GRAMINEAE: ORYZA SATIVA, SORGHUM VULGARE. GERMINATION DISHES VARIETY. BICARBONATE. CARBONATE. SULFATE. CHLORIDE. NITRATE. SODIUM SALT TOLERANCE. GERMINATION
1576. PALIWAL, K. V.; MALIWAL, G. L. EFFECT OF SALTS ON THE GROWTH AND MINERAL NUTRITION OF CABBAGE (BRASSICA OLERACEA) IN SOIL AND SAND CULTURE. PROC. INDIAN NATL. SCI. ACAD. PART B. BIOL. SCI. 41: 155-160. 1975. CABBAGE CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA. SOIL. SAND. GREENHOUSE. POT. FIELD PLOT SODIUM. CALCIUM. CHLORIDE VEGETATIVE GROWTH. MINERAL COMPOSITION
1577. PALIWAL, K. V.; MALIWAL, G. L. EFFECTS OF SALTS ON THE GROWTH AND CHEMICAL COMPOSITION OF OKRA (ABELMOSCHUS ESCULENTUS) AND SPONGE GOURD (LUFFA CYLINDRICA). J. HORT. SCI. 47: 517-524. 1972. OKRA; GOURD. SPONGE MALVACEAE: ABELMOSCHUS ESCULENTUS. HIBISCUS ESCULENTUS; CUCURBITACEAE: LUFFA CYLINDRICA. GREENHOUSE. SAND. POT SODIUM. CALCIUM. CHLORIDE FRUIT QUALITY. VEGETATIVE GROWTH. NITROGEN UPTAKE. PHOSPHORUS UPTAKE. MINERAL COMPOSITION
1578. PALIWAL, K. V.; MALIWAL, G. L. SALT TOLERANCE OF SOME ARHAR (CAJANUS INDICUS) AND COWPEA (VIGNA SINENSIS) VARIETIES AT GERMINATION AND SEEDLING STAGES. ANN. ARID ZONE 12: 135-144. 1973. CAJAN; COWPEA LEGUMINOSAE: VIGNA SINENSIS. CAJANUS INDICUS. POT. SAND SODIUM. CHLORIDE. CALCIUM. VARIETY GERMINATION. SEEDLING GROWTH. SALT TOLERANCE



1579. PALIWAL, K. V.; MALIWAL, G. L.; MANOHAR, S. S. EFFECT OF THE LEVEL OF SALINITY OF IRRIGATION WATER ON THE GROWTH AND YIELD OF BARLEY VARIETIES GROWN ON A SANDY SOIL OF RAJASTHAN. INDIAN J. AGRIC. SCI. 46: 159-164. 1976. BARLEY GRAMINEAE: HORDEUM VULGARE. FIELD PLOT. WATER QUALITY. SOIL VARIETY. SALINE WATER
1580. PALIWAL, K. V.; MALIWAL, G. L.; NANAWATI, G. C. EFFECT OF BICARBONATE-RICH IRRIGATION WATERS ON THE GROWTH, NUTRIENT UPTAKE AND SYNTHESIS OF PROTEINS AND CARBOHYDRATES IN WHEAT. PLANT SOIL 43: 523-536. 1975. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GREENHOUSE, SAND, POT BICARBONATE, SODIUM, CALCIUM, CHLORIDE, NITRATE VEGETATIVE GROWTH, MINERAL UPTAKE, PROTEIN, CARBOHYDRATE, GRAIN YIELD, MINERAL COMPOSITION
1581. PALIWAL, K. V.; MEHTA, K. K. INTERACTIVE EFFECT OF SALINITY SAR AND BORON ON THE GERMINATION AND GROWTH OF SEEDLINGS OF SOME PADDY (ORYZA SATIVA) VARIETIES. PLANT SOIL 39: 603-609. 1973. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE VARIETY, SODIUM ADSORPTION RATIO, BORON, SODIUM, CHLORIDE, CALCIUM GERMINATION, VEGETATIVE GROWTH
1582. PALMER, A. E. KIND, POSITION AND TOXICITY OF ALKALI SALTS IN CERTAIN ALBERTA IRRIGATED SOILS, AND TOLERANCE OF CROPS FOR THESE SALTS. SCI. AGRIC. 18: 132-140. 1937. WHEAT: BARLEY: ALFAIFA GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE; LEGUMINOSAE: MEDICAGO SATIVA. POT, SOIL SODIUM, SULFATE, MAGNESIUM, CALCIUM, CARBONATE, BICARBONATE, CHLORIDE GERMINATION, GRAIN YIELD
1583. PALMER, J.; BECKER, D. L.; CHAPMAN, S. R. SALINITY TOLERANCE STUDIES IN RUSSIAN WILDRYE (ELYMUS JUNCEUS). MONT. ACAD. SCI. PROC. 28: 20-27. 1968. WILDRYE, RUSSIAN GRAMINEAE: ELYMUS JUNCEUS. GERMINATION DISHES, GREENHOUSE, SOIL, POT CALCIUM, SODIUM, CHLORIDE, SULFATE GERMINATION, SEEDLING GROWTH
1584. PAN, C. L. THE EFFECT OF SALT CONCENTRATIONS OF IRRIGATION WATER ON THE GROWTH OF RICE AND OTHER RELATED PROBLEMS. INT. RICE COMM. NEWS LETTER 13: 4-13. 1964. RICE GRAMINEAE: ORYZA SATIVA. POT, SOIL VARIETY, SODIUM, CHLORIDE, MAGNESIUM, SULFATE, CALCIUM VEGETATIVE GROWTH, SALT TOLERANCE
1585. PAN, C. L.; BEN JEMIA, H. MAXIMUM TOLERANCE OF RICE SEEDLINGS TO DIFFERENT SALT CONCENTRATIONS OF IRRIGATION WATERS. INT. RICE COMM. NEWS LETTER 10: 18-21. 1961. RICE GRAMINEAE: ORYZA SATIVA. POT, SOIL SODIUM, CHLORIDE, CALCIUM, SULFATE, MAGNESIUM, VARIETY VEGETATIVE GROWTH, SALT TOLERANCE
1586. PAN, C. L.; HOLDERBACH, L.; BEN DJEMIA, H. INFLUENCE DES DIFFERENTES CONCENTRATIONS EN SEL DES EAUX D'IRRIGATION SUR LA CROISSANCE DU RIZ. THE EFFECT OF DIFFERENT SALT CONCENTRATIONS IN IRRIGATION WATER ON THE GROWTH OF RICE. (FRE). ANN. INST. NAT. RECH. AGRON. TUNIS 32: 1-13. 1959. RICE GRAMINEAE: ORYZA SATIVA. POT, SOIL SODIUM ADSORPTION RATIO, SODIUM, CHLORIDE, CALCIUM, SULFATE, MAGNESIUM VEGETATIVE GROWTH, SEED WEIGHT, GRAIN YIELD
1587. PANCHAKSHARAIAH, S.; MAHADEVAPPA, M. EFFECT OF SALINITY ON THE GERMINATION AND SEEDLING GROWTH OF SOME RICE VARIETIES. MADRAS AGRIC. J. 58: 665-667. 1971. RICE GRAMINEAE: ORYZA SATIVA. GERMINATION DISHES VARIETY, SODIUM, CHLORIDE, SULFATE, BICARBONATE GERMINATION, SEEDLING GROWTH
1588. PANDEY, S. N. EFFECT OF INDOLEACETIC ACID AND GIBBERELIC ACID ON AMINO ACIDS OF MAIZE (ZEA MAYS L.) PLANTS GROWN UNDER SALINE CONDITIONS. J. SCI. RES. BANARAS HINDU UNIV. 20: 151-167. 1969.70. CORN GRAMINEAE: ZEA MAYS. POT, SOIL INDOLEACETIC ACID, GIBBERELIC ACID, SEED PRETREATMENT, SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, SODIUM ADSORPTION RATIO ALANINE, ASPARTIC ACID, GLUTAMINE, CYSTEINE HISTIDINE, ARGININE, LYSINE, LEUCINE, TYROSINE
1589. PANG, S. C.; CHANG, S. T.; WU, C. F. A PRELIMINARY STUDY OF INCREASING THE SALT TOLERANCE OF SOYBEAN AND ITALIAN MILLET (SETARIA ITALICA). (CHI; ENG SUM). ACTA BOT. SIN. 12: 64-74. 1964. SOYBEAN; MILLET, FOXTAIL GRAMINEAE: SETARIA ITALICA; LEGUMINOSAE: GLYCINE MAX. SODIUM, CHLORIDE, CALCIUM, BICARBONATE, SULFATE SALT TOLERANCE
1590. PANJE, R. R.; GILL, P. S.; ALAM, M. EFFECTS OF SOIL COVER AND TRASH-VIENS ON THE PRODUCTIVITY OF ALKALINE SOILS FOR SUGARCANE CULTURE. INDIAN SUGARCANE J. X-PT. 1: 1-8. 1955. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. SOIL, FIELD PLOT TRASH-VIENS, POLYTHYLENE FILM, ALKALINE SOIL VEGETATIVE GROWTH, ECOLOGY
1591. PARICHA, P. C.; PATRA, G. J.; SAHOO, P. EFFECT OF SYNTHETIC SEA WATER ON GROWTH AND CHEMICAL COMPOSITION OF RICE AT

- DIFFERENT STAGES OF DEVELOPMENT. J. INDIAN SOC. SOIL SCI. 23: 344-348. 1975. RICE GRAMINEAE: ORYZA SATIVA. POT. SAND VARIETY. SEA WATER. OSMOTIC PRESSURE VEGETATIVE GROWTH. MINERAL COMPOSITION
1592. PARKASH, D. EFFECT OF VARIOUS SALT CONCENTRATIONS ON DIFFERENT GRAPE CULTIVARS. HORTSCIENCE 6: 283. 1971. GRAPE VITACEAE: VITIS. POT VARIETY. CHLORIDE. SULFATE. SODIUM LEAF INJURY. VEGETATIVE GROWTH
1593. PARMAR, M. T.; MOORE, R. P. CARBOWAX 6000, MANNITOL, AND SODIUM CHLORIDE FOR SIMULATING DROUGHT CONDITIONS IN GERMINATION STUDIES OF CORN (ZEA MAYS L.) OF STRONG AND WEAK VIGOR. AGRON. J. 60: 192-195. 1968. CORN GRAMINEAE: ZEA MAYS. GERMINATOR OSMOTIC PRESSURE. MANNITOL. SODIUM. CHLORIDE. CARBOWAX. POLYETHYLENE GLYCOL GERMINATION. SEEDLING GROWTH
1594. PARRY, G. AMELIORATIONS COTONNIERES EN SOLS SALINS: SIX ANNEES D'EXPERIMENTATION 1953-1958. IMPROVEMENT OF COTTON ON SALINE SOILS: SIX YEARS OF EXPERIMENTATION 1953-1958. (FRE). COT. ET FIBR. TROP. 13: 357-392. 1958. COTTON MALVACEAE: GOSSYPIMUM. FIELD. SOIL SALINE SOIL. SODIUM. CHLORIDE. VARIETY. FERTILITY. HYBRID FLOWERING
1595. PARSA, A. A.; KARIMIAN, N. EFFECT OF SODIUM CHLORIDE ON SEEDLING GROWTH OF TWO MAJOR VARIETIES OF IRANIAN PISTACHIO (PISTACHIA VERA L.). J. HORT. SCI. 50: 41-46. 1975. PISTACHIO ANACARDIACEAE: PISTACHIA VERA. GREENHOUSE. SOIL SODIUM. CHLORIDE. VARIETY ROOT GROWTH. VEGETATIVE GROWTH
1596. PARSONS, R. E.; GILL, A. M. THE EFFECTS OF SALT SPRAY ON COASTAL VEGETATION AT WILSON'S PROMONTORY, VICTORIA, AUSTRALIA. PROC. R. SOC. VICT. 81: 1-10. 1968. NATIVE VEGETATION FIELD. SOIL SALT SPRAY TOXICITY. LEAF INJURY. VEGETATIVE GROWTH
1597. PARUPS, E.; KENWORTHY, A. L.; BENNE, E. I.; BASS, S. I. GROWTH AND COMPOSITION OF LEAVES AND ROOTS OF MONTMORENCY CHERRY TREES IN RELATION TO THE SULFATE AND CHLORIDE SUPPLY IN NUTRIENT SOLUTIONS. AMER. SOC. HORT. SCI. PROC. 71: 135-144. 1958. CHERRY ROSACEAE: PRUNUS CERASUS. SAND SULFATE. CHLORIDE VEGETATIVE GROWTH. MINERAL UPTAKE
1598. PASSERINI, N. INNAFFIATURA CON ACQUA DI MARE. WATERING WITH SEA WATER. (ITA). BOL. 1ST SUPER. AGR. PISA 7: 255-261. 1931. CHENOPODIACEAE: SALSOLA SODA. FIELD PLOT. SOIL SEA WATER LEAF INJURY
1599. PATEL, A. S.; DASTANE, N. G. EFFECT OF LAY-OUT, IRRIGATION FREQUENCY AND LEVELS OF IRRIGATION SALINITY ON BARLEY. INDIAN J. AGRIC. SCI. 39: 506-514. 1969. BARLEY GRAMINEAE: HORDEUM VULGARE. SOIL. FIELD SODIUM. CHLORIDE VEGETATIVE GROWTH. GRAIN YIELD. STRAW YIELD
1600. PATEL, A. S.; DASTANE, N. G. EFFECTS OF DIFFERENT SOIL TEXTURES, LEVELS OF LEACHING AND SALINITY ON RADISH AND BARLEY. INDIAN J. AGRON. 16: 327-333. 1971. RADISH: BARLEY GRAMINEAE: HORDEUM VULGARE; CRUCIFERAE: RAPHANUS SATIVUS. GREENHOUSE. SOIL. POT CALCIUM. SODIUM. CHLORIDE. LEACHING VEGETATIVE GROWTH. ROOT GROWTH. GRAIN YIELD. STRAW YIELD
1601. PATEL, A. S.; DASTANE, N. G. RELATIVE TOLERANCE OF NEW CEREAL STRAINS TO SALT SOLUTION DURING GERMINATION. INDIAN J. AGRON. 12: 280-286. 1968. RICE: CORN: MILLET. PEARL: SORGHUM: WHEAT: BARLEY GRAMINEAE: ORYZA SATIVA. ZEA MAYS. SORGHUM VULGARE. TRITICUM AESTIVUM. HORDEUM VULGARE. PENNISETUM TYPHOIDIS GERMINATION DISHS VARIETY. SODIUM. CHLORIDE. CALCIUM GERMINATION. SALT TOLERANCE
1602. PATEL, P. M.; WALLACE, A.; WALLIHAN, E. F. INFLUENCE OF SALINITY AND N-P FERTILITY LEVELS ON MINERAL CONTENT AND GROWTH OF SORGHUM IN SAND CULTURE. AGRON. J. 67: 622-625. 1975. SORGHUM GRAMINEAE: SORGHUM BICOLOR. GREENHOUSE. SAND. POT SODIUM. CHLORIDE. NITROGEN. PHOSPHORUS. FERTILITY VEGETATIVE GROWTH. MINERAL COMPOSITION
1603. PATHAK, A. N.; SHARMA, D. N.; SINGH, K.; SHARMA, M. L.; TIWARI, G. C. EFFECT OF SOIL SALINITY ON GERMINATION AND NUTRIENT UPTAKE OF PADDY (R-8) AND WHEAT (K-65) CROPS. INDIAN J. FARM SCI. 3: 64-68. 1975. RICE: WHEAT GRAMINEAE: ORYZA SATIVA. TRITICUM AESTIVUM. POT. SOIL SODIUM. CHLORIDE. CALCIUM GERMINATION. SEEDLING GROWTH. ROOT GROWTH. MINERAL COMPOSITION

1604. PATHAK, A. N.; SINGH, R. K.; SINGH, R. S. EFFECT OF DIFFERENT CONCENTRATIONS OF BORON IN IRRIGATION WATER ON SUNFLOWER. J. INDIAN SOC. SOIL SCI. 23: 388-390. 1975. SUNFLOWER COMPOSITAE: HELIANTHUS ANNUUS. GREENHOUSE, SOIL, POT BORON SEED YIELD, VEGETATIVE GROWTH, PROTEIN, OIL YIELD, BORON UPTAKE
1605. PATHAK, G. L.; SINGH, U. V.; SIMLOT, M. M. EFFECT OF SALINITY ON RNA AND PROTEIN BIOSYNTHESIS IN WHEAT SEEDLINGS. CURRENT SCI. 43: 782-783. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SAND, TEST TUBE CALCIUM, SULFATE, SODIUM, CHLORIDE, LEUCINE, URACIL RIBONUCLEIC ACID, PROTEIN SYNTHESIS
1606. PATHAMANABHAN, G.; RAO, J. S. NOTE ON POTASSIUM AS A POSSIBLE INDEX FOR SCREENING SORGHUM VARIETIES FOR SALT TOLERANCE. INDIAN J. AGRIC SCI. 46: 392-394. 1976. SORGHUM GRAMINEAE: SORGHUM VULGARE, SORGHUM BICOLOR. SOIL VARIETY, CALCIUM, SODIUM, CHLORIDE POTASSIUM UPTAKE
1607. PAUL, H. EFFECT OF SODIUM CHLORIDE IN IRRIGATION WATER ON THE UPTAKE OF NITROGEN. BULL. LANDBPROEFSTN SURINAME 82: 351-353. 1965. RICE GRAMINEAE: ORYZA SATIVA. POT, SOIL SODIUM, CHLORIDE NITROGEN UPTAKE
1608. PAUZNER, L. E.; KOVALENKO, N. Z.; NIGMATOV, S. KH. SOME DATA ON THE SALT RESISTANCE OF SEEDS OF GLYCYRRHIZA GLABRA AND GLYCYRRHIZA URALENSIS. (RUS). IN MATERIALY BIOLOGII VIDOV RODA GLYCYRRHIZA L.: 37-44. 1970. LICORICE LEGUMINOSAE: GLYCYRRHIZA GLABRA, GLYCYRRHIZA URALENSIS. GERMINATION DISHES, SOIL, POT SALINE WATER, SULFATE GERMINATION
1609. PEARSON, G. A. ADSORPTION AND TRANSLOCATION OF SODIUM IN BEANS AND COTTON. PLANT PHYSIOL. 42: 1171-1175. 1967. BEAN; COTTON LEGUMINOSAE: PHASEOLUS VULGARIS; MALVACEAE: GOSSYPIUM HIRSUTUM. WATER CULTURE, POT CALCIUM, SODIUM, CHLORIDE, DINITROPHENOL SODIUM UPTAKE
1610. PEARSON, G. A. FACTORS INFLUENCING SALINITY OF SUBMERGED SOILS AND GROWTH OF CALORO RICE. SOIL SCI. B7: 198-206. 1959. RICE GRAMINEAE: ORYZA SATIVA. GREENHOUSE, POT, SOIL SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, STRAW YIELD, GRAIN YIELD
1611. PEARSON, G. A. THE SALT TOLERANCE OF RICE. INT. RICE. COMM. NEWSLETTER 10: 1-4. 1961. RICE GRAMINEAE: ORYZA SATIVA. SALT TOLERANCE
1612. PEARSON, G. A. A TECHNIQUE FOR DETERMINING THE SALT TOLERANCE OF RICE. INT. RICE. COMM. NEWSLETTER 10: 5-7. 1961. RICE GRAMINEAE: ORYZA SATIVA.
1613. PEARSON, G. A. TOLERANCE OF CROPS TO EXCHANGEABLE SODIUM. USDA INFO. BULL. 216: 4 PP. 1960. EXCHANGEABLE SODIUM PERCENTAGE SODIUM TOLERANCE
1614. PEARSON, G. A.; AYERS, A. D. RICE AS A CROP FOR SALT-AFFECTED SOIL IN PROCESS OF RECLAMATION. USDA PROD. RES. REPT. 43: 13 PP. 1960. RICE GRAMINEAE: ORYZA SATIVA.
1615. PEARSON, G. A.; AYERS, A. D.; EBERHARD, D. L. RELATIVE SALT TOLERANCE OF RICE DURING GERMINATION AND EARLY SEEDLING DEVELOPMENT. SOIL SCI. 102: 151-156. 1966. RICE GRAMINEAE: ORYZA SATIVA. GERMINATION DISHES, SAND, POT SODIUM, CALCIUM, CHLORIDE GERMINATION, SEEDLING GROWTH, VEGETATIVE GROWTH, SALT TOLERANCE
1616. PEARSON, G. A.; BERNSTEIN, L. INFLUENCE OF EXCHANGEABLE SODIUM ON YIELD AND CHEMICAL COMPOSITION OF PLANTS: II. WHEAT, BARLEY, OATS, RICE, TALL FESCUE, AND TALL WHEATGRASS SOIL SCI. 86: 254-261. 1958. WHEAT; BARLEY; OATS; RICE; FESCUE, TALL; WHEATGRASS, TALL GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE, ORYZA SATIVA, AVENA SATIVA, FESTUCA ELATIOR, AGROPYRON ELONGATUM. SOIL, POT SODIUM, BICARBONATE, EXCHANGEABLE SODIUM PERCENTAGE GERMINATION, MINERAL COMPOSITION, VEGETATIVE GROWTH
1617. PEARSON, G. A.; BERNSTEIN, L. SALINITY EFFECTS AT SEVERAL GROWTH STAGES OF RICE. AGRON. J. 51: 654-657. 1959. RICE GRAMINEAE: ORYZA SATIVA. POT, SOIL SODIUM, CALCIUM, CHLORIDE, GROWTH STAGE VEGETATIVE GROWTH

1618. PEARSON, G. A.; GOSS, J. A. OBSERVATIONS ON THE EFFECTS OF SALINITY AND WATER TABLE ON YOUNG GRAPEFRUIT TREES. PROC. ANN. RIO GRANDE VALLEY HORT. INST. 7TH: 1-6. 1953. GRAPEFRUIT RUTACEAE: CITRUS PARADISI, CITRUS RETICULATA. LYSIMETER. SOIL WATER TABLE. SODIUM, CALCIUM, CHLORIDE LEAF INJURY
1619. PEARSON, G. A.; GOSS, J. A.; HAYWARD, H. E. THE INFLUENCE OF SALINITY AND WATER TABLE ON THE GROWTH AND MINERAL COMPOSITION OF YOUNG GRAPEFRUIT TREES. AMER. SOC. HORT. SCI. 69: 197-203. 1957. GRAPEFRUIT RUTACEAE: CITRUS PARADISI, CITRUS RETICULATA. LYSIMETER. SOIL SODIUM, CALCIUM, CHLORIDE, WATER TABLE VEGETATIVE GROWTH, SODIUM UPTAKE, CHLORIDE UPTAKE
1620. PEARSON, H. E.; HUBERTY, M. R. RESPONSES OF CITRUS TO IRRIGATION WITH WATERS OF DIFFERENT CHEMICAL CHARACTERISTICS. PROC. AMER. SOC. HORT. SCI. 73: 248-256. 1959. CITRUS RUTACEAE: CITRUS. FIELD PLOT. SOIL BRACKISH WATER MINERAL COMPOSITION
1621. PEELE, T. C.; WEBB, H. J.; BULLOCK, J. F. CHEMICAL COMPOSITION OF IRRIGATION WATERS IN THE SOUTH CAROLINA COASTAL PLAIN AND EFFECTS OF CHLORIDES IN IRRIGATION WATER ON THE QUALITY OF FLUE-CURED TOBACCO. AGRON. J. 52: 464-467. 1960. TOBACCO SOLANACEAE: NICOTIANA TABACUM. SOIL, FIELD CHLORIDE CROP QUALITY, CHLORIDE UPTAKE
1622. PEEVY, W. C. TOLERANCE OF RICE TO SALT WATER. LA. AGRIC. EXPT. STA. ANN. REPT. 1943-1944: 48-51. 1944. RICE GRAMINEAE: ORYZA SATIVA. SOIL, FIELD PLOT BRACKISH WATER, GROWTH STAGE SALT TOLERANCE, VEGETATIVE GROWTH
1623. PELLETT, N. E. SALT TOLERANCE OF TREES AND SHRUBS. UNIV. VERMONT EXT. SER. BRIEFLET 1212. 2 P. 1972. TREE; SHRUB
1624. PENMAN, F.; MCALPHIN, D. M. BORON POISONING IN CITRUS. CITRUS NEWS 25: 7. 1949. BORON LEAF INJURY
1625. PENSKOI, I. K. THE SALT RESISTANCE OF COTTON PLANT AND ITS EFFECT ON THE SEASONAL DYNAMICS OF SALTS UNDER THE CONDITIONS OF KURA-ARAKS PLAIN. (RUS). POCHOVEDENIE 8: 86-91. 1956. COTTON MALVACEAE: GOSSYPIMUM. FIELD. SOIL SALINE SOIL, CHLORIDE SEEDLING GROWTH, GERMINATION
1626. PETERSON, H. B. SOME EFFECTS ON PLANTS OF SALT AND SODIUM FROM SALINE AND SODIC SOILS. PROC. SYMP. ARID ZONE RES. TEHRAN 14: 163-167. 1961. WHEATGRASS, TALL; ONION; PEA; BEAN; CABBAGE; TOMATO; BEET GRAMINEAE: AGROPYRON ELONGATUM; LEGUMINOSAE: PISUM SATIVUM, PHASEOLUS VULGARIS; SOLANACEAE: LYCOPERSICON ESCULENTUM; CHENOPODIACEAE: BETA VULGARIS; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA; AMARYLLIDACEAE: ALLIUM CEPA.
1627. PETRASOVITS, I. THE SALT TOLERANCE OF PLANTS IN THE GERMINATION PERIOD AND IRRIGATION. (HUN; ENG SUM). AGROKEM. TALAJT. 17: 61-76. 1968. BEAN; SOYBEAN; PEA; DACTYLIS; ONION-COUCH; SUNFLOWER; CORN; SORGHUM; ALFALFA; CLOVER. PURPLE; BEAN, DWARF; MALLOW; MUSTARD; BEET, SUGAR; RYEGRASS CHENOPODIACEAE: BETA VULGARIS; GRAMINEAE: ZEA MAYS, SORGHUM VULGARE, LOLIUM PERENNE, DACTYLIS; LEGUMINOSAE: MEDICAGO SATIVA, GLYCINE MAX, PISUM SATIVUM, PHASEOLUS VULGARIS, TRIFOLIUM, PHASEOLUS LUNATUS; MALVACEAE: MALVA; CRUCIFERAE: BRASSICA JUNCEA; COMPOSITAE: HELIANTHUS ANNUUS. SOIL, FIELD, POT SODIUM, CHLORIDE, SULFATE, CARBONATE GERMINATION, SALT TOLERANCE
1628. PETRASOVITS, I.; DARAB, K. A RIZS SOTURESENEK VISGALATA, STUDIES ON THE SALT TOLERANCE OF RICE. (HUN; ENG SUM). AGROKEM. TALAJT. 9: 89-102. 1960. RICE GRAMINEAE: ORYZA SATIVA. SOIL VARIETY, SODIUM, SULFATE, CARBONATE, BICARBONATE VEGETATIVE GROWTH, ROOT GROWTH, GERMINATION
1629. PETROSYAN, G. P.; SAAKYAN, R. G. CHARACTERISTICS OF THE LIGNIFICATION OF GRAPEVINE SHOOTS GROWN ON SALINE SOILS. (ARM; RUS SUM). IZVESTIYA MINISTERSTVA SEL'SKOGO KHOZYAISTVA ARMYANSKOI SSR NO. 7: 8: 69-75. 1961. GRAPE VITACEAE: VITIS. FIELD, SOIL SALINE SOIL, CHLORIDE, SULFATE STARCH, LIGNIFICATION, SUGAR, MONOSACCHARIDE, ASH
1630. PETROSYAN, G. P.; SAAKYAN, R. G. EFFECT OF SOIL SALINITY ON CARBOHYDRATE METABOLISM OF GRAPES. IZV. AKAD. NAUK. ARMYAN. SSR. SER. BIOL. S-KH NAUKI 14. 31-38. 1961. GRAPE VITACEAE: VITIS. SOIL SALINE SOIL CARBOHYDRATE METABOLISM
1631. PETROSYAN, G. P.; SAAKYAN, R. G.; KHIZANTSIAN, S. M.; SAKUNTS, L. E. DEPENDENCE OF THE QUALITY OF MUSCAT AND RED GRAPE

- VARIETIES AND WINES ON THE CONTENT OF SODIUM SALTS IN THE SOIL. (RUS). VINODEL VINOGRAD SSSR 4: 17-20. 1975. GRAPE VITACEAE: VITIS VINIFERA. SOIL. FIELD SALINE SOIL. SODIUM. BICARBONATE. VARIETY MINERAL COMPOSITION. SODIUM UPTAKE. POTASSIUM UPTAKE. VEGETATIVE GROWTH
1632. PETROSYAN, G. P.; TARVERDYAN, V. I.; KHIZANTSYAN, S. M. TOXICITY THRESHOLDS OF SOIL SALTS FOR SOME APPLE CULTIVARS. (RUS). BIOL. ZH. ARM. 2B: 41-46. 1975. APPLE ROSACEAE: MALUS SYLVESTRIS. FIELD. SOIL SALINE SOIL. SODIUM. BICARBONATE. VARIETY TOXICITY. VEGETATIVE GROWTH. SODIUM UPTAKE
1633. PEYNADO, A.; YOUNG, R. PERFORMANCE OF NUCELLAR RED BLUSH GRAPEFRUIT TREES ON 13 KINDS OF ROOTSTOCKS IRRIGATED WITH SALINE AND BORON-CONTAMINATED WELL WATER OVER 3-YEAR PERIOD. J. RIO GRANDE VALLEY HORT. SCI. 16: 52-58. 1962. GRAPEFRUIT. CITRUS. CITRUS PARADISI. FIELD PLOT. SOIL ROOTSTOCK. BORON. SODIUM. CHLORIDE SODIUM UPTAKE. BORON UPTAKE. CHLORIDE UPTAKE. TOXICITY. VEGETATIVE GROWTH
1634. PEYNADO, A.; YOUNG, R. RELATION OF SALT TOLERANCE TO COLD HARDINESS OF "REDBLUSH" GRAPEFRUIT AND "VALENCIA" ORANGE TREES ON VARIOUS ROOTSTOCKS. PROC. 1ST INTL. CITRUS SYMP. 3: 1793-1802. 1969. GRAPEFRUIT; ORANGE. CITRUS. CITRUS. CITRUS PARADISI. FIELD PLOT. SOIL SODIUM. CHLORIDE. CALCIUM TOXICITY. CHLORIDE UPTAKE. BORON UPTAKE. VEGETATIVE GROWTH. COLD HARDINESS
1635. PEYNADO, A.; YOUNG, R. H. TOXICITY OF THREE SALTS TO GREENHOUSE-GROWN GRAPEFRUIT TREES AND THEIR EFFECTS ON ION ACCUMULATION AND COLD HARDINESS. J. RIO GRANDE VALLEY HORT. SCI. 17: 60-67. 1963. GRAPEFRUIT. CITRUS. CITRUS PARADISI. GREENHOUSE. SOIL. POT. SAND SODIUM. CHLORIDE. SULFATE. CALCIUM COLD HARDINESS. CHLORIDE UPTAKE. VEGETATIVE GROWTH. SODIUM UPTAKE
1636. PHLEGER, C. F. EFFECT OF SALINITY ON GROWTH OF A SALT MARSH GRASS. ECOLOGY 52: 909-911. 1971. CORDGRASS GRAMINEAE: SPARTINA FOLIOSA. WATER CULTURE SEA WATER VEGETATIVE GROWTH. MINERAL COMPOSITION
1637. PIATT, J. R.; KRAUSE, P. D. ROAD AND SITE CHARACTERISTICS THAT INFLUENCE ROAD SALT DISTRIBUTION AND DAMAGE TO ROADSIDE ASPEN TREES. WATER, AIR, SOIL POLLUT. 3: 301-304. 1974. ASPEN SALICACEAE: POPULUS TREMULOIDES. FIELD. SOIL. DEICING SALT LEAF INJURY. ECOLOGY
1638. PIJLS, F. W. G.; DULK, P. R. DEN BORUUMVERGIFTIGING VAN PLANTEN. BORON INTOXICATION WITH PLANTS. (DUT; ENG SUM). NETHERLANDS. DIR VAN DE TUINBOUW. MEDEDEL. 14: 915-918. 1951. TURNIP; MANGOLD; BEET. SUGAR. APPLE. CHENOPODIACEAE: BETA VULGARIS; CRUCIFERAE: BRASSICA RAPA; ROSACEAE: MALUS SYLVESTRIS; GRAMINEAE: PHOENIX CANARIENSIS. PHOENIX DACTYLIFERA. SOIL BORON TOXICITY. BORON UPTAKE
1639. PILLAI, R. N.; SEN, A. SALT TOLERANCE OF RHIZOBIUM TRIFOLII. INDIAN J. AGRIC. SCI. 36: 80-84. 1966. CLOVER. BERSEEM LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. POT. SOIL SODIUM. CHLORIDE. MANNITOL NODULATION
1640. PIRUZIAN, S. S. EFFECT OF SOIL SALINITY ON THE GROWTH AND DEVELOPMENT OF CORN. SOVIET SOIL SCI. 2: 221-225. 1959. CORN GRAMINEAE: ZEA MAYS. SOIL. FIELD PLOT SALINE SOIL VEGETATIVE GROWTH. LEAF INJURY
1641. PITMAN, M. G. SODIUM AND POTASSIUM UPTAKE BY SEEDLINGS OF HORDEUM VULGARE. AUST. J. BIOL. SCI. 18: 10-24. 1965. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE POTASSIUM. SODIUM. LIGHT. NITRATE. MAGNESIUM. SULFATE. CALCIUM POTASSIUM UPTAKE. SODIUM UPTAKE. TRANSPIRATION
1642. PITMAN, M. G. UPTAKE OF POTASSIUM AND SODIUM BY SEEDLINGS OF SINAPIS ALBA. AUST. J. BIOL. SCI. 19: 257-259. 1966. MUSTARD CRUCIFERAE: SINAPIS ALBA. POT. WATER CULTURE. GREENHOUSE POTASSIUM. CALCIUM. NITRATE. SODIUM. MAGNESIUM. SULFATE. LIGHT. HUMIDITY SODIUM UPTAKE. POTASSIUM UPTAKE. MINERAL COMPOSITION
1643. PITMAN, M. G.; COURTICE, A. C.; LEE, B. COMPARISON OF POTASSIUM AND SODIUM UPTAKE BY BARLEY ROOTS AT HIGH AND LOW SALT STATUS. AUST. J. BIOL. SCI. 21: 871-881. 1968. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE SODIUM. POTASSIUM. CHLORIDE. CALCIUM. SULFATE POTASSIUM UPTAKE. SODIUM UPTAKE

1644. PIUNOVSKII, B. A. SALT RESISTANCE OF AGRICULTURAL CROPS. VSESIOIUN. AKAD. SEL'SKOKHOZ. NAUK IM V.I. LENINA. DOK. 17: 18-24. 1952. WHEAT: COTTON GRAMINEAE: TRITICUM AESTIVUM; MALVACEAE: GOSSYPIUM HIRSUTUM, GOSSYPIUM BARBADENSE. SAND. GROWTH CHAMBER SALINE WATER GERMINATION
1645. PLACE, G. A. RELATIONSHIP OF IRON, MANGANESE AND BICARBONATE TO CHLOROSIS OF RICE GROWN IN CALCAREOUS SOIL. ARK. AGRIC. EXPT. STA. REPT. SERIES 175: 21 PP. 1969. RICE GRAMINEAE: ORYZA SATIVA. GREENHOUSE. SOIL. WATER CULTURE. POT. FIELD CALCIUM. MANGANESE. SODIUM. POTASSIUM. SULFATE. CARBONATE. BICARBONATE. IRON CHLOROSIS
1646. PLACE, G. A.; SIDDIQUE, M. A.; WELLS, B. R. EFFECT OF TEMPERATURE AND FLOODING ON RICE GROWING IN SALINE AND ALKALINE SOIL. AGRON. J. 63: 62-66. 1971. RICE GRAMINEAE: ORYZA SATIVA. GROWTH CHAMBER. SOIL. POT. TEMPERATURE. SALINE SOIL. ALKALINE SOIL. FLOOD IRRIGATION VEGETATIVE GROWTH. MINERAL COMPOSITION
1647. PLAUT, Z. NITRATE REDUCTASE ACTIVITY OF WHEAT SEEDLINGS DURING EXPOSURE TO AND RECOVERY FROM WATER STRESS AND SALINITY. PLANT PHYSIOL. 30: 212-217. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE. SOIL. GROWTH CHAMBER SODIUM. CHLORIDE. WATER STRESS. CYCLOHEXIMIDE. CHLORAMPHENICOL NITRATE REDUCTASE ACTIVITY. ENZYME ACTIVITY
1648. PLOEGMAN, C.; BIERHUIZEN, J. F. ZUOTOLERANTIE VAN KOMKOMMER. SALT TOLERANCE OF CUCUMBERS. (DUT; ENG SUM). BEDRIJFSONTWIKKELING ED TUINBOUW 1: 32-39. 1970. CUCUMBER CUCURBITACEAE: CUCUMIS SATIVUS. POT. SOIL. MANURE. GREENHOUSE SEA WATER. CHLORIDE VEGETATIVE GROWTH
1649. PLOEGMAN, C.; VAN DER VALK, G. G. M. INVLOED VAN ZOUT BEREGENINGSWATER OP ONTWIKKELING VAN VUUF-GRADEN TULPEN C.V. 'APELDOORN'. INFLUENCE OF SALTY IRRIGATION WATER ON DEVELOPMENT OF FIVE DEGREES TULIPS C.V. "APELDOORN". (DUT). BEDRIJFSONTWIKKELING JAARGANG 3: 1061-1063. 1972. TULIP LILIACEAE: TULIPA. POT. SAND TEMPERATURE. SALINE WATER VEGETATIVE GROWTH. FLOWERING. EVAPOTRANSPIRATION
1650. PLUMMER, J. K.; WOLF, F. A. INJURY TO CROPS BY BORAX. N. C. DEPT. AGRIC. BULL. VOL. 41. NO. 15: 20 PP. 1920. TOBACCO: COTTON: CORN: PEACH: WHEAT MALVACEAE: GOSSYPIUM: GRAMINEAE: PEA MAYS. TRITICUM AESTIVUM: SOLANACEAE: NICOTIANA TABACUM: ROSACEAE: PRUNUS PERSICA. FIELD. SOIL POT. GREENHOUSE. WATER CULTURE BORON. LEACHING LEAF INJURY. VEGETATIVE GROWTH
1651. POEY, F. SOLUABLE SOIL SALTS HARMFUL TO SUGARCANE. MEM. 16TH CONF. ANNUAL ASSOC. TEC AZUCAR: 55-64. 1942. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. FIELD. SOIL SALINE SOIL. SODIUM. CHLORIDE. CARBONATE SALT TOLERANCE. SUGAR. SUCROSE. GLUCOSE. CHLORIDE UPTAKE. LEAF INJURY
1652. POKHARNA, U. S.; MIRCHANDANI, K.; SETH, S. P. EFFECT OF SALINE WATER ON THE GERMINATION OF WATER-MELON (CITRULLUS VULGARIS SCHRAD. EX ECKL. & ZEYH.). INDIAN J. AGRIC. SCI. 41: 210-215. 1971. WATERMELON CUCURBITACEAE: CITRULLUS VULGARIS. GERMINATION DISHES VARIETY. CHLORIDE. SODIUM. CALCIUM. MAGNESIUM. SODIUM ADSORPTION RATIO GERMINATION. SALT TOLERANCE
1653. POKHARNA, U. S.; MIRCHANDANI, K.; SETH, S. P. STUDIES ON THE EFFECT OF SALINE WATERS ON GERMINATION OF MUSKMELONS (CUCUMIS MELO L.). RAJASTHAN J. AGRIC. SCI. 1: 83-88. 1970. MUSKMELON CUCURBITACEAE: CUCUMIS MELO. GERMINATION DISHES VARIETY. SODIUM ADSORPTION RATIO. SODIUM. CALCIUM. MAGNESIUM GERMINATION. SALT TOLERANCE
1654. POKROYSKAIA, E. I. SALT-HARDINESS AND VARIOUS METABOLIC PATHWAYS IN GLYCOPHYTES. SOVIET PLANT PHYSIOL. 4: 260-266. 1958. BEET. SUGAR: WHEAT: SUDAN GRASS: ALFALFA: FESCUE: BARLEY: QUACK GRASS CHENOPODIACEAE: BETA VULGARIS: GRAMINEAE: TRITICUM AESTIVUM. HORDEUM VULGARE SORGHUM SUDANENSE. AGROPYRON REPENS. FESTUCA: LEGUMINOSAE: MEDICAGO SATIVA. SOIL SALINE SOIL. CHLORIDE. SULFATE. BICARBONATE. SODIUM RESPIRATION. ENZYME ACTIVITY
1655. POLJAKOFF-MAYBER, A. MORPHOLOGICAL AND ANATOMICAL CHANGES IN PLANTS AS A RESPONSE TO SALINITY STRESS. IN PLANTS IN SALINE ENVIRONMENTS. ECOLOGICAL STUDIES 15. POLJAKOFF-MAYBER, A. AND GALE, J. (EDS.) SPRINGER-VERLAG. N. Y.: 97-117. 1975. MORPHOLOGY. HISTOLOGY. ANATOMICAL RESPONSE

1656. POLJAKOFF-MAYBER, A.; GALE, J. PLANTS IN SALINE ENVIRONMENTS. ECOLOGICAL STUDIES 15. SPRINGER-VERLAG, NEW YORK. 213 PP. 1975.
1657. POLJAKOFF-MAYBER, A.; GREENWAY, H. EFFECT OF HIGH SODIUM CHLORIDE CONCENTRATIONS IN THE GROWTH MEDIUM ON THE ACTIVITY OF GLUCOSE-6-PHOSPHATE DEHYDROGENASE FROM PEA ROOTS. AUST. J. PLANT PHYSIOL. 1: 483-489. 1974. PEA LEGUMINOSAE: PISUM SATIVUM. WATER CULTURE. VERMICULITE. SAND SODIUM CHLORIDE ENZYME ACTIVITY. GLUCOSE-6-PHOSPHATE DEHYDROGENASE
1658. POLLAK, G.; WAISEL, Y. REPRODUCTIVE BIOLOGY OF AELUPOPUS LITORALIS (WILLD.) PARL. PARL. ANN. ARID ZONE 10: 165-175. 1971. GRAMINEAE: AELUPOPUS LITTORALIS. POT. GERMINATION DISHES LIGHT, TEMPERATURE, SODIUM CHLORIDE, MANNITOL, SEED PRETREATMENT GERMINATION, VEGETATIVE GROWTH
1659. POLOSINA, M. I. SALT RESISTANCE OF TREES AND SHRUBS WITH SECONDARY SALINIZATION DURING IRRIGATION. (RUS). ZASHCHITNOE LESORAZVEDENIE NA KOMPLEKSAKH SVETLO-KAHST ANOVYKH POCHV. I SOLONTSOV KALMYKII: 172-190. 1972. WILLOW; POPLAR, WHITE; POPLAR, BLACK; POPLAR; ELM, SIBERIAN; CHERRY; APPLE; CURRANT, GOLDEN ROSACEAE: MALUS SYLVESTRIS, CERCUS VULGARIS; SAXIFRAGACEAE: RIBES AUREUM; SALICACEAE: SALIX, POPULUS ALBA, POPULUS NIGRA, POPULUS; ULMACEAE: ULMUS PUMILA. SOIL SALINE SOIL TRANSPIRATION, MINERAL COMPOSITION, OSMOTIC PRESSURE, LEAF INJURY, CHLORIDE UPTAKE, CHLOROPHYLL
1660. POLYANSKAYA, L. A. INFLUENCE OF VARIOUS SALTS IN THE SOIL ON THE ASCORBIC ACID CONTENT OF COTTON PLANTS. IZR. AKAD. NAUK. 1: 9-13. 1962. COTTON MALVACEAE: GOSSYPIMUM. SOIL SODIUM CHLORIDE ASCORBIC ACID
1661. POMA, G. L'INFLUENCE DE LA SALINITE DE L'EAU SUR LA GERMINATION ET LA ERISSANCE DES PLANTES HALOPHYTES. THE EFFECT OF SEA WATER ON GERMINATION AND GROWTH OF HALOPHYTES. (FRE). BULL. ACAD. ROY. BELG. SCI. 8: 81-100. 1922. ARROW GRASS; CARROT; PLANTAIN; PLANTAIN, WATER; BULRUSH; TULE; SALTBUSH JUNCAGINACEAE: TRIGLOCHIN MARITIMA; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; PLANTAGINACEAE: PLANTAGO MARITIMA, PLANTAGO CORONOPUS; ALISMACEAE: ALISMA PLANTAGO; COMPOSITAE: ASTER TRIPOLIUM; CYPERACEAE: SCIRPUS MARITIMUS, SCIRPUS TRIQUETER, CAREX DISTANS; CHENOPODIACEAE: ATRIPLEX HASTATA, BETA MARITIMA. POT SEA WATER GERMINATION, VEGETATIVE GROWTH
1662. PONOMAREVA, A. S.; PROCENKO, D. F.; SIVCEV, M. V. EFFECT OF SODIUM CHLORIDE ON PLASTID PIGMENTS IN TOMATO LEAVES. SOVIET PLANT PHYSIOL. 18: 337-340. 1971. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. POT, SOIL SODIUM CHLORIDE, VARIETY CHLOROPHYLL, CAROTENOIDS, PIGMENT
1663. POONIA, S. R.; NATH, J.; RAM, L.; SINGH, A. EFFECT OF SALINE WATER ALONE AND IN COMBINATION WITH CANAL WATER AND LEACHING LEVELS ON THE SALT BUILD UP AND GROWTH OF WHEAT AND BAJRA. J. NUCL. AGRIC. BIOL. 4: 76. 1975. WHEAT; MILLET, PEARL GRAMINEAE: TRITICUM AESTIVUM, PENNISETUM TYPHOIDES. SOIL SODIUM, CALCIUM, MAGNESIUM, LEACHING VEGETATIVE GROWTH
1664. POPOVA, M. P. ON THE SALT RESISTANCE OF TREE AND SHRUB SPECIES UNDER CONDITIONS OF IRRIGATION. (RUS). LESN. KHOZ. 10: 27-30. 1957. OAK; CHERRY; ELM; POPLAR; ASP. GREEN, MULBERRY, WHITE; APRICOT; MAPLE; TAMARISK ROSACEAE: PRUNUS; FAGACEAE: QUERCUS; ULMACEAE: ULMUS; SALICACEAE: POPULUS; OLEACEAE: FRAXINUS; MORACEAE: MORUS ALBA; TAMARICACEAE: TAMARIX; ACERACEAE: ACER. FIELD, SOIL CHLORIDE, SULFATE SALT TOLERANCE, LEAF INJURY
1665. PORATH, E.; POLJAKOFF-MAYBER, A. THE EFFECT OF SALINITY IN THE GROWTH MEDIUM ON CARBOHYDRATE METABOLISM IN PEA ROOT TIPS. PLANT CELL PHYSIOL. 9: 195-203. 1968. PEA LEGUMINOSAE: PISUM SATIVUM. VERMICULITE, WATER CULTURE CHLORIDE, SULFATE, SODIUM ENZYME ACTIVITY, CARBOHYDRATE METABOLISM
1666. PORTER, L. K.; THORNE, D. W. INTERRELATION OF CARBON DIOXIDE AND BICARBONATE IONS IN CAUSING PLANT CHLOROSIS. SOIL SCI. 79: 373-382. 1955. BEAN; TOMATO LEGUMINOSAE: PHASEOLUS VULGARIS; SOLANACEAE: LYCOPERSICON ESCULENTUM. WATER CULTURE BICARBONATE, SODIUM, CARBON DIOXIDE LEAF INJURY, CHLOROSIS, NUTRITION
1667. POST, K.; BELL, R. S. EFFECT OF EXCESS FERTILIZERS ON ROSES, SNAPDRAGONS, AND CHRYSANTHEMUMS. PROC. AMER. SOC. HORT. SCI. 34: 644-645. 1937. SNAPDRAGON; CHRYSANTHEMUM; ROSE COMPOSITAE: CHRYSANTHEMUM; SCROPHULARIACEAE:

ANTIRRHINUM: ROSACEAE: ROSA. GREENHOUSE. POT. SOIL. SAND FERTILIZER. AMMONIUM. SULFATE. NITRATE. SODIUM. POTASSIUM. CALCIUM. CARBONATE. CHLORIDE LEAF INJURY

- 166B. PRATT, P. F.; NORD, E. C.; BAIR, F. L. EARLY GROWTH TOLERANCES OF GRASSES, SHRUBS AND TREES TO BORON IN TUNNEL SPOIL. USDA FOR. SERV. RES. NOTE PSW- 232: 1-5. 1971. WHEATGRASS; BERMUDA GRASS; WILDRYE; FESCUE, TALL; RYEGRASS. WIMMERA; SALT BUSH. FOURWING; SALT BUSH. QUAIL BUSH; SALT BUSH. ALLSCALE; SALT BUSH. DESERT; BACCHARIS. MULEFAT; BUCKWHEAT. CALIFORNIA; BLADDERPOD; HORSHUM; BROOM. SPANISH; ACACIA. GRAFFIANA. THORN. JERUSALEM; PALO VERDE; PINE. ALLEPPO; PEPPER-TREE. CALIFORNIA; PEPPER. PERUVIAN; LOVEGRASS. WEeping; LOVEGRASS. LEHMANN; LOVEGRASS. WILMAN; BARLEY; SMILGRASS; HARDING GRASS; CLIFFROSE. STANSBURY; CYPRESS. ARIZONA; CHAMISE; BACCHARIS. KIDNEYWORT; LILAC. MOUNTAIN; ROCKROSE. PURPLE; BITTERBRUSH. DESERT; SAGE. SONGMA; WHEATGRASS. PUBESCENT; PALESTINE GRASS; VELDTGRASS. PERENNIAL; TETRA BLEND 333; BAHIA GRASS. PENSACOLA; DEODAR; CEDAR. INCENSE; COTTONWOOD. FREMONT; OAK. INTERIOR LIVE; LOCUST. BLACK GRAMINEAE: AGROPYRON ELONGATUM. CYNODON DACTYLON. ELYMUS CINEREUS. FESTUCA ARUNDINACEA. LOLIUM RIGIDUM. ERAGROSTIS CURVULA. ERAGROSTIS LEHMANNIANA. ERAGROSTIS. HORDEUM VULGARE. ORYZOPSIS MILIACEA. PHALARIS TUBEROSA. AGROPYRON TRICHOPHORUM. DACTYLIS GLOMERATA. LOLIUM. PASPALUM NOTATUM SAURAE. EHHARTIA CALYCINA; SCROPHULARIACEAE: ADENOSTOMA FASCICULATUM; COMPOSITAE: BACCHARIS FILULARIS. BACCHARIS VIMINEA; POLYGONACEAE. ERIOGONUM FASCICULATUM; LABIATAE: SALVIA SONOMENSIS; RHAMNACEAE: CEANOTHUS CYANEUS; CISTACEAE: CISTUS VILLOSUS; ROSACEAE: PURSHIA GLANDULOSA. COWANIA MEXICANA VAR STANSBURIANA; CHENOPODIACEAE: ATRIPLEX CANESCENS. ATRIPLEX POLYCARPA. ATRIPLEX LENTIFORMIS; PINACEAE: PINUS HALEPENSIS. CEDRUS DECIARA; CLEGMACEAE: ISOMERIS ARBOREA; MYOPORACEAE: MYOPCRUM PARVIFOLIUM; LEGUMINOSAE: ACACIA GRAFFIANA. PARKINSONIA ACULEATA. ROBINIA PSEUDOACACIA. SPARTIUM JUNCEUM; ANACARDIACEAE: SCHINUS MOLLE; FAGACEAE: QUERCUS WISLIIENII; SALICACEAE: POPULUS FREMONTII; CUPRESSACEAE: LIBOCEDRUS DECURRENS. CUPRESSUS ARIZONICA. GREENHOUSE. POT. SOIL BORON. CALCIUM. CHLORIDE SALT TOLERANCE
1669. PRIKHOD'KO, L. S. HYDROXY AND KETO ACID METABOLISM IN PEA AND CORN SPROUTS UNDER SUBSTRATE SALINIZATION CONDITIONS. SOVIET PLANT PHYSIOL. 15: 674-679. 1968. PEA: CORN LEGUMINOSAE: PISUM SATIVUM; GRAMINEAE: ZEA MAYS. WATER CULTURE SODIUM. CHLORIDE. SULFATE. BICARBONATE. CADAVERINE DICHLOROHYDRATE ORGANIC ACID. KETO ACID METABOLISM. VEGETATIVE GROWTH. RESPIRATION
1670. PRIKHOD'KO, L. S. ON THE PROBLEM OF STUDYING THE MECHANISM OF TOXIC EFFECT OF SALTS ON PLANTS. (RUS). AKAD. NAUK. KAZ. SSR INST. BOT. TR. 29: 77-85. 1971. PEA LEGUMINOSAE: PISUM SATIVUM. WATER CULTURE SODIUM. CHLORIDE. SULFATE GERMINATION. AMINO ACID. LYSINE. CADAVERINE. ARGININE. CYSTINE. PHENYLALANINE. TYROSINE. HISTIDINE
1671. PRIKHOD'KO, L. S.; KLYSHEV, L. K. EFFECT OF SALINIZATION ON METABOLISM OF PEA SEEDLINGS. (RUS). TRUDY INSTITUTA BOTANIKI AN KAZ. SSR. 16: 81-96. 1963. PEA LEGUMINOSAE: PISUM SATIVUM. GREENHOUSE. POT SODIUM. CHLORIDE. SULFATE. SEED PRETREATMENT. CADAVERINE DICHLOROHYDRATE. GLUCOSE. SUCROSE. FRUCTOSE. SUGAR. ORGANIC ACID. AMINO ACID. VEGETATIVE GROWTH
1672. PRIKHOD'KO, L. S.; KLYSHEV, L. K. NITROGEN METABOLISM OF PEA SEEDLINGS UNDER DIFFERENT KINDS OF SALINATION. (RUS). TRUDY INSTITUTA BOTANIKI AN KAZ. SSR 20: 166-182. 1964. PEA LEGUMINOSAE: PISUM SATIVUM. WATER CULTURE SODIUM. CHLORIDE. SULFATE. VARIETY NITROGEN METABOLISM. SALT TOLERANCE
1673. PRIKHOD'KO, L. S.; KLYSHEV, L. K.; AMIRZHANOVA, G. M. EFFECT OF SALINIZATION OF THE MEDIUM ON SYNTHESIS AND QUALITATIVE COMPOSITION OF PEPTIDES IN PEA PLANTS. SOVIET PLANT PHYSIOL. 22: 470-475. 1975. PEA LEGUMINOSAE. PISUM SATIVUM. WATER CULTURE SODIUM. CHLORIDE. SULFATE PEPTIDES
1674. PRIKHOD'KO, N. V. THE POSSIBLE SIGNIFICANCE OF CALCIUM IN THE INCREASED SALT RESISTANCE OF PLANTS. PHYSIOL. BIOCHEM. CULTIV. PLANTS 2: 515-517. 1970. PEA LEGUMINOSAE: PISUM SATIVUM. SODIUM. CHLORIDE. SULFATE. MAGNESIUM. CALCIUM SALT TOLERANCE. MINERAL COMPOSITION
1675. PRINE, G. M.; RUELKE, O. C.; SCHRODER, V. N. THE PHYSIOLOGICAL AND ECOLOGICAL RESPONSES OF FORAGE TO DIFFERENT ENVIRONMENTS EFFECTED THROUGH MANAGEMENT. FLA. AGRIC. EXPT. STA. ANNU. REPT. 1967: 54. 1967. PANGOLA GRASS; BAHIA GRASS; BERMUDA GRASS; ST AUGUSTINE GRASS GRAMINEAE PASPALUM NOTATUM. STENOTAPHRUM SECUNDATUM. CYNODON DACTYLON. DIGITARIA DECUMBENS. POT. SOIL SODIUM. CHLORIDE PHOTOSYNTHESIS. TRANSPIRATION. RESPIRATION

1676. PRISCO, J. T.; O'LEARY, J. W. EFFECT OF SALT AND WATER STRESSES ON PROTEIN SYNTHESIZING CAPACITY OF EMBRYO-AXIS OF GERMINATING PHASEOLUS VULGARIS SEEDS. REV. BRAS. BIOL. 30: 317-321. 1970. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. GERMINATOR SODIUM, CHLORIDE, CARBOWAX, POLYETHYLENE GLYCOL GERMINATION, WATER UPTAKE, PROTEIN SYNTHESIS
1677. PRISCO, J. T.; O'LEARY, J. W. THE EFFECTS OF HUMIDITY AND CYTOKININ ON GROWTH AND WATER RELATIONS OF SALT STRESSED BEAN PLANTS. PLANT SOIL 39: 263-276. 1973. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE, WATER CULTURE HUMIDITY, CYTOKININ, BENZYLADENINE, SODIUM, CHLORIDE VEGETATIVE GROWTH, WATER RELATIONS
1678. PRISCO, J. T.; O'LEARY, J. W. ENHANCEMENT OF INTACT BEAN LEAF SENESCENCE BY NaCl SALINITY. PHYSIOL. PLANT. 27: 95-100. 1972. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GROWTH CHAMBER, POT, WATER CULTURE, GREENHOUSE SODIUM, CHLORIDE LEAF SENESCENCE, RIBONUCLEIC ACID, CHLOROPHYLL, PROTEIN
1679. PRISCO, J. T.; O'LEARY, J. W. OSMOTIC AND "TOXIC" EFFECTS OF SALINITY ON GERMINATION OF PHASEOLUS VULGARIS L. SEEDS. TURRIALBA 20: 177-184. 1970. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. GERMINATOR, POT SODIUM, CHLORIDE, CARBOWAX, POLYETHYLENE GLYCOL GERMINATION, WATER UPTAKE, SEEDLING GROWTH
1680. PRISCO, J. T.; VIEIRA, G. H. F. EFFECTS OF SODIUM CHLORIDE SALINITY ON NITROGENOUS COMPOUNDS AND PROTEASES DURING GERMINATION OF VIGNA SINENSIS SEEDS. PHYSIOL. PLANT. 36: 317-320. 1976. COWPEA LEGUMINOSAE: VIGNA SINENSIS. WATER CULTURE SODIUM, CHLORIDE PROTEIN, AMINO NITROGEN, PROTEOLYSIS, GERMINATION
1681. PULATOV, N. ALTERATION OF SALT TOLERANCE OF COTTON. (RUS). KHLOPKOVODSTVO 1: 34-35. 1975. COTTON MALVACEAE: GOSSYPIUM. FIELD PLOT, SOIL CHLORIDE, SULFATE LINT YIELD, GENETIC INTERACTION
1682. PUNTAMKAR, S. S.; MEHTA, P. C.; SETH, S. P. EFFECT OF GYPSUM AND MANURE ON THE GROWTH OF WHEAT IRRIGATED WITH BICARBONATE RICH WATER. J. INDIAN SOC. SOIL SCI. 20: 281-285. 1972. WHEAT GRAMINEAE: TRITICUM AESTIVUM. FIELD, SOIL GYPSUM, MANURE, BICARBONATE
1683. PUNTAMKAR, S. S.; MEHTA, P. C.; SETH, S. P. NOTE ON THE INDUCEMENT OF SALT RESISTANCE IN TWO WHEAT (TRITICUM AESTIVUM L.) VARIETIES BY PRESOAKING WITH DIFFERENT SALTS OF VARYING CONCENTRATIONS. INDIAN J. AGRIC. SCI. 41: 717-718. 1971. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL, FIELD PLOT VARIETY, SEED PRETREATMENT, SODIUM, CHLORIDE, SULFATE, BICARBONATE, MAGNESIUM
1684. PUNTAMKAR, S. S.; SHARMA, D. C.; SHARMA, O. P.; SETH, S. P. EFFECT OF COMMON SALTS OF SODIUM AND CALCIUM ON THE GERMINATION OF DIFFERENT WHEAT VARIETIES (TRITICUM AESTIVUM L.). INDIAN J. PLANT PHYSIOL. 13: 233-239. 1970. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE, GERMINATION DISHES VARIETY, SODIUM, CHLORIDE, SULFATE, CARBONATE, BICARBONATE, CALCIUM GERMINATION, TOXICITY
1685. PURVES, D.; MACKENZIE, E. J. PHYTO TOXICITY DUE TO BORON IN MUNICIPAL COMPOST. PLANT SOIL 40: 231-235. 1974. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. FIELD PLOT, SOIL COMPOST, LEACHING, BORON BORON TOXICITY
1686. PURVIS, E. R.; BRILL, G. D. CAN USE BRACKISH WATER TO IRRIGATE SOME CROPS. NEW JERSEY AGRIC. 39: 11-13. 1957. BEAN: BEAN, LIMA; BEET: SPINACH; CORN GRAMINEAE: ZEA MAYS; CHENOPODIACEAE: BEETA VULGARIS, SPINACIA OLERACEA; LEGUMINOSAE: PHASEOLUS VULGARIS, PHASEOLUS LIMENSIS. SOIL, POT BRACKISH WATER VEGETATIVE GROWTH
1687. PURVIS, E. R.; HANNA, W. J. BORON STUDIES: I. THE SUSCEPTIBILITY OF VARIOUS PLANTS TO BORON TOXICITY AS INFLUENCED BY SOIL TYPE. PROC. SOIL SCI. SOC. AMER. 3: 205-209. 1938. OATS: RYE; WHEAT: CUCUMBER; BEAN, SNAP; STRAWBERRY; CELERY; PEA; POTATO; SORGHUM; SQUASH; WHEAT; CABBAGE; CARROT; COLLARD; CORN; COTTON; KALE; LETTUCE; BEAN, LIMA; ONION; PEPPER; RADISH; SPINACH; TOBACCO; BEET; CAULIFLOWER, MUSTARD; TOMATO; TURNIP GRAMINEAE: AVENA SATIVA, SECALE CEREALE, TRITICUM AESTIVUM, SORGHUM VULGARE, ZEA MAYS; CUCURBITACEAE: CUCUMIS SATIVUS, CUCURBITA; LEGUMINOSAE: PHASEOLUS VULGARIS, PHASEOLUS LIMENSIS, PISUM SATIVUM; ROSACEAE: FRAGARIA; UMBELLIFERAE: APIUM GRAVEOLENS, DAUCUS CAROTA VAR SATIVA; MALVACEAE: GOSSYPIUM CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA, RAPHANUS SATIVUS, BRASSICA OLERACEA VAR BOTRYTIS, BRASSICA JUNCEA, BRASSICA RAPA, BRASSICA OLERACEA VAR ACEPHALA;

- COMPOSITAE: LACTUCA SATIVA: AMARYLLIDACEAE: ALLIUM CEPA: CHENOPODIACEAE: SPINACIA OLERACEA. BETA VULGARIS: SOLANACEAE: SOLANUM TUBEROSUM. CAPSICUM FRUTESCENS. NICOTIANA TABACUM. LYCOPERSICON ESCULENTUM. POT. GREENHOUSE. SOIL BORON. SOIL TYPE SALT TOLERANCE. TOXICITY
1688. PUSCAS, M.; STOICIU, T.; BAIA, V.; OTARASANU, A.; PUSCASA, A. CHARACTERISTICS OF SOME PHYSIOLOGICAL PROCESSES IN BEAN UNDER THE TOXIC ACTION OF SOME SALTS. (ROM; ENG SUM). INST. AGRON. TIMISOARA LUCR. STIINT SER. AGRON. 9: 295-309. 1966. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE. POT SODIUM. CHLORIDE. SULFATE. CARBONATE TRANSPIRATION. PHOTOSYNTHESIS. RESPIRATION
1689. PYYKKO, M. EFFECTS OF SALT SPRAY ON GROWTH AND DEVELOPMENT OF PINUS SYLVESTRIS L. ANN. BOT. FENN. 14: 49-61. 1977. PINE. SCOTS PINACEAE: PINUS SYLVESTRIS. FIELD. SOIL SALT SPRAY. SLA WATER ANATOMICAL RESPONSE. LEAF INJURY. VEGETATIVE GROWTH. HISTOLOGY
1690. QUEEN, W. H. HALOPHYTES: ADAPTIVE MECHANISMS. IN PHYSIOLOGICAL ECOLOGY OF ESTUARINE ORGANISMS: 205-211. 1975. HALOPHYTE AVICENNIACEAE: AVICENNIA MARINA: GRAMINEAE: SPARTINA ALTERNIFLORA: CHENOPODIACEAE: SALICORNIA VIRGINICA.
1691. QUEEN, W. H. PHYSIOLOGY OF COASTAL HALOPHYTES. IN ECOLOGY OF HALOPHYTES. REIMOLD, R. J. AND QUEEN, W. H. (EDS.). ACADEMIC PRESS. N. Y.: 345-353. 1974.
1692. QUEREAU, F. C. THE AMOUNT OF SALT IN IRRIGATION WATER INJURIOUS TO RICE. LOUISIANA AGRIC. EXPT. STA. BULL. 171: 14 PP. 1920. RICE GRAMINEAE: ORYZA SATIVA. POT. SOIL. FIELD PLOT SODIUM. CHLORIDE VEGETATIVE GROWTH
1693. RAABE, R. D.; VLAMIS, J. ROOTING FAILURE OF CHRYSANTHEMUM CUTTINGS RESULTING FROM EXCESS SODIUM OR POTASSIUM. PHYTOPATH. 56: 713-717. 1966. CHRYSANTHEMUM COMPOSITAE: CHRYSANTHEMUM MORIFOLIUM. SAND. PEAT. GREENHOUSE SODIUM. POTASSIUM. CALCIUM. BICARBONATE. CARBONATE. SULFATE ROOT GROWTH
1694. KABOCHEV, I. S.; KRAVCHUK, V. N. THE GERMINATION POWER OF SEEDS IN CASPIAN SEA WATER AS AN INDEX OF THE SALT TOLERANCE OF THE PLANTS SUNFLOWER. OATS. BARLEY. COTTON. MUSKMELONS. (RUS). DOKL. VSES. AKAD. S-KH. NAUK. IM V. I. LENINA 11: 7-9. 1974. SUNFLOWER: OATS: BARLEY: COTTON: MUSKMELON GRAMINEAE: HORDEUM VULGARE. AVENA SATIVA: MALVACEAE: GOSSYPIMUM: COMPOSITAE: HELIANTHUS ANNUUS: CUCURBITACEAE: CUCUMIS MELO. SAND. POT CALCIUM. SULFATE. MAGNESIUM. SODIUM. POTASSIUM. CHLORIDE GERMINATION. SALT TOLERANCE
1695. RAHEJA, P. C. ARIDITY AND SALINITY: A SURVEY OF SOILS AND LAND USE. IN SALINITY AND ARIDITY: NEW APPROACHES TO OLD PROBLEMS. BOYKO, H. (ED.) JUNK PUBLISHERS. THE HAGUE: 43-127. 1966. NATIVE VEGETATION: OIL CROP: LEGUME: GRAIN CROP: SUGAR CROP: FIBER CROP: GRASS: VEGETABLE: FRUIT TREE: TREE SALT TOLERANCE
1696. RAINS, D. W. SALT TRANSPORT BY PLANTS IN RELATION TO SALINITY. ANN. REV. PLANT PHYSIOL. 23: 367-388. 1972. SALTBUUSH: MANGROVE: WHEATGRASS. TALL: WHEATGRASS. INTERMEDIATE CHENOPODIACEAE: ATRIPLEX VESICARIA. HALOGETON GLOMERATUS: AVICENNIACEAE: AVICENNIA MARINA. AVICENNIA NITIDA: GRAMINEAE: AGROPYRON ELONGATUM. AGROPYRON INTERMEDIUM. AGROSTIS. FESTUCA: TYPHACEAE: TYPHA.
1697. RAJAGOPAL, R.; RAMACHANDRAN, M. EFFECT OF ADDED SALT OF SODIUM CHORIDE ON WILTING COEFFICIENT. MADRAS AGRIC. J. 57: 443-446. 1970. SUNFLOWER: RICE: SORGHUM: MILLET. AFRICAN MILLET. PEAPL: COTTON: GRAM. RED: GRAM. BLACK: BEAN. HYACINTH: TOMATO GRAMINEAE: ORYZA SATIVA. SORGHUM VULGARE. PENNISETUM TYPHOIDES. ELEUSINE CORACANA: SOLANACEAE: LYCOPERSICON ESCULENTUM: LEGUMINOSAE: PHASEOLUS MUNGO. DOLICHOS LABLAB: COMPOSITAE: HELIANTHUS ANNUUS: MALVACEAE: GOSSYPIMUM. GREENHOUSE. SOIL SODIUM. CHLORIDE. VARIETY OSMOTIC POTENTIAL. SALT TOLERANCE. VEGETATIVE GROWTH
1698. RAJENDRAN, R.; MORACHAN, Y. B.; KALIAPPA, R. EFFECT OF PRESOWING TREATMENT OF RAGI SEEDS WITH SALT AND PHOSPHATE SOLUTIONS. 1. GERMINATION STUDIES. MADRAS AGRIC. J. SUPPL. 57: 15. 1970. MILLET. AFRICAN GRAMINEAE: ELEUSINE CORACANA. WATER CULTURE SODIUM. CHLORIDE. SEED PRETREATMENT. PHOSPHATE GERMINATION
1699. RAKHMANINA, A. T. RELATION OF PLANT DISTRIBUTION TO DEGREE OF SOIL SALINIZATION. (RUS). AKAD. NAUK. SSSR. BOT. INST.



TRUDY. SER. 3 GEOBOT. 11: 185-196. 1957. NATIVE VEGETATION FIELD. SOIL SALINE SOIL ECOLOGY

1700. RAKOVA, N. M.; KLYSHEV, L. K. EFFECT OF SALINIZATION ON THE AMINO ACID COMPOSITION OF PEA ROOTS. (RUS). TRUDY INST. BOT. AKAD. NAUK. KAZAKHSSKOI SSR 32: 66-75. 1972. PEA LEGUMINOSAE: PISUM SATIVUM. WATER CULTURE SODIUM, CHLORIDE, SULFATE AMINO ACID, PROTEIN
1701. RAKOVA, N. M.; KLYSHEV, L. K.; STROGONOV, B. P. THE EFFECT OF SODIUM SULFATE AND SODIUM CHLORIDE ON THE PROTEIN COMPOSITION OF PEA ROOTS. SOVIET PLANT PHYSIOL. 16: 17-23. 1969. PEA LEGUMINOSAE: PISUM SATIVUM. GREENHOUSE. WATER CULTURE SODIUM, CHLORIDE, SULFATE PROTEIN
1702. RAMAKRISHNAN, P. S.; KRISHAN, K. ADAPTATION OF CYNODON DACTYLON (L.) PERS. POPULATIONS TOWARDS SODIUM SALTS. TROP. ECOL. 14: 219-227. 1973. BERMUDA GRASS GRAMINEAE: CYNODON DACTYLON. SAND. POT CALCIUM, SODIUM, CHLORIDE, SULFATE, ALKALINE SOIL SODIUM UPTAKE, VEGETATIVE GROWTH
1703. RAMAKRISHNAN, P. S.; LEKHI, S. A COMPARATIVE STUDY OF THE ADAPTIVE RESPONSE OF SPOROBOLUS MARGINATUS HOCHST EX RICH. AND DICHANTHIUM ANNULATUM STAFF. TO EXCESS OF SALT IN THE MEDIUM. J. INDIAN BOT. SOC. 51: 243-253. 1972. DROPSEED GRAMINEAE: SPOROBOLUS MARGINATUS, DICHANTHIUM ANNULATUM. SOIL, POT, FIELD SODIUM, SULFATE, CHLORIDE, CALCIUM, CARBONATE SALT TOLERANCE, VEGETATIVE GROWTH, MINERAL COMPOSITION
1704. RAMAKRISHNAN, P. S.; NAGPAL, R. ADAPTATION TO EXCESS SALTS IN AN ALKALINE SOIL POPULATION OF CYNODON DACTYLON. J. ECOL. 61: 369-381. 1973. BERMUDA GRASS GRAMINEAE: CYNODON DACTYLON. SAND. POT SODIUM, SULFATE, CHLORIDE ROOT GROWTH, VEGETATIVE GROWTH, WATER CONTENT, MINERAL COMPOSITION
1705. RAMANA, K. V.; RAO, G. R. EFFECT OF SALINITY ON THE UPTAKE OF CA45 BY PEANUT PLANTS. Z. PFLANZENPHYSIOL. 64: 91-92. 1971. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. POT, SAND SODIUM, CHLORIDE, CALCIUM CALCIUM UPTAKE
1706. RAMANUJAM, T.; SAKHARAM RAO, J. EFFECT OF SALINITY LEVELS ON IR. 8 RICE (ORYZA SATIVA L.) MADRAS AGRIC. J. 56: 278-281. 1969. RICE GRAMINEAE: ORYZA SATIVA. SAND SODIUM, CHLORIDE, CALCIUM GERMINATION, SEEDLING GROWTH, ROOT GROWTH, SODIUM UPTAKE
1707. RAMIAH, K.; RAO, M. B. V. N. STUDIES ON RICE RESISTANCE TO SALINITY. INDIAN CONG. AGRIC. RES. SCIENTIFIC MONO. NO. 19: 203-205. 1953. RICE GRAMINEAE: ORYZA SATIVA. GENETIC INTERACTION
1708. RAMIAH, S.; KASIVISWALINGAM, P.; THENAMMAI, P.; DAKSHINAMURTHY, A.; JANARTHANAN, R.; GOWDER, K. R. K. EFFECT OF SALT SOLUTION SPRAY ON PADDY GRAIN MATURITY. MADRAS AGRIC. J. 61: 281-284. 1974. RICE GRAMINEAE: ORYZA SATIVA. FIELD, SOIL SALT SPRAY, SODIUM, CHLORIDE CROP QUALITY, WATER CONTENT, PROTEIN
1709. RAMZAN, M. EFFECT OF SALINITY AND SAR ON THE PLANT GROWTH AND CATION UPTAKE BY RYE SEEDLINGS FROM THE EQUILIBRATED SOILS. AGRIC. PAKISTAN 18: 479-496. 1967. RYE GRAMINEAE: SECALE CEREALE. SOIL SODIUM ADSORPTION PERCENTAGE, SODIUM, MAGNESIUM, CALCIUM, SOIL TYPE CALCIUM UPTAKE, MAGNESIUM UPTAKE, SODIUM UPTAKE
1710. RANDALL, R. E. AIRBORNE SALT DEPOSITION AND ITS EFFECTS UPON COASTAL PLANT DISTRIBUTION: THE MONARCH ISLES NATIONAL NATURE RESERVE, OUTER HEBRIDES. TRANS. PROC. BOT. SOC. EDINB. 42: 153-162. 1974. DOCK, CUPLY; NETTLE, DWARF; NETTLE; RAGWORT; YARROW; CLOVER, RED; FLEUR-DE-LIS POLYGONACEAE: RUMEX CRISFUS; URTICACEAE: URTICA UPENS, URTICA DIOICA; COMPOSITAE: SENECIO JACOBAEA, ACHILLEA MILLEFOLIUM; LEGUMINOSAE: TRIFOLIUM PRATENSE; IRIDACEAE: IRIS PSEUDACORUS. FIELD, SOIL, SAND SALT SPRAY ECOLOGY
1711. RAO, K. B.; DEVI, L. S.; PERUR, N. G. STUDY ON THE COMPARATIVE INHIBITION OF GERMINATION OF DIFFERENT VARIETIES OF RAGI SEEDS BY VARIOUS SODIUM SALTS. MYSORE J. AGRIC. SCI. 5: 317-323. 1971. MILLET, AFRICAN GRAMINEAE: ELEusine CORACANA. GERMINATION DISHES VARIETY, SODIUM, CHLORIDE, SULFATE, CARBONATE, BICARBONATE, NITRATE GERMINATION, ROOT GROWTH
1712. RAO, K. B.; KANTHA, N. K.; PERUR, N. G. VARIETAL TOLERANCE OF GERMINATING PADDY SEEDS TO DIFFERENT SALT

- CONCENTRATIONS. MUSORE J. AGRIC. SCI. 7: 325-327. 1973. RICE GRAMINEAE: ORYZA SATIVA. SOIL. GERMINATION DISHES VARIETY. SODIUM. CHLORIDE. SULFATE. CALCIUM GERMINATION
1713. RAO, T. S. SALT TOLERANCE IN OKRA AT GERMINATION STAGE. MADRAS AGRIC. J. 59: 675-676. 1972. OKRA MALVACEAE: ABELMOSCHUS ESCULENTUS. GERMINATION DISHES SODIUM. CHLORIDE GERMINATION. ROOT GROWTH
1714. RAO, T. S. SALT TOLERANCE IN OKRA AT GERMINATION STAGE. MADRAS AGRIC. J. 59: 675-676. 1972. OKRA MALVACEAE: ABELMOSCHUS ESCULENTUS GERMINATION DISHES SODIUM. CHLORIDE SALT TOLERANCE. GERMINATION. SEEDLING GROWTH
1715. RAO, T. S.; PARVATIKAR, S. R. SALT SENSITIVITY DURING SEED GERMINATION IN TWO VARIETIES OF OKRA. INDIAN J. AGRON. 16: 375-376. 1971. OKRA MALVACEAE: ABELMOSCHUS ESCULENTUS. GERMINATION DISHES VARIETY. SODIUM. CHLORIDE GERMINATION. SALT TOLERANCE
1716. RAO, T. S.; PURNAPRAGNACHAR, H.; HADIMANI, A. S. EFFECT OF SOIL SALINITY ON THE GERMINATION OF PADDY VARIETIES. J. INDIAN SOC. SOIL SCI. 17: 431-435. 1969. RICE GRAMINEAE: ORYZA SATIVA. GERMINATION DISHES CALCIUM. CHLORIDE. SODIUM. SULFATE. POTASSIUM GERMINATION. SALT TOLERANCE
1717. RATNER, E. I. THE INFLUENCE OF EXCHANGEABLE SODIUM IN THE SOIL ON THE PROPERTIES AS A MEDIUM FOR PLANT GROWTH. SOIL SCI. 40: 459-471. 1935. OATS GRAMINEAE: AVENA SATIVA. SOIL. POT EXCHANGEABLE SODIUM PERCENTAGE. SODIUM. CHLORIDE VEGETATIVE GROWTH
1718. RATNER, E. I. ON THE ROLE OF TRANSPIRATION IN THE ABSORPTION OF MINERAL SUBSTANCES BY THE PLANTS IN CONNECTION WITH THEIR CULTURE ON THE ALKALI SOILS. (RUS: ENG SUM). BULL. ACAD. SCI. URSS 5: 567-582. 1945. HEMP: BARLEY: CORN: WHEAT: ALFALFA: MILLET MORACEAE: CANNABIS SATIVA: GRAMINEAE: SETARIA. HORDEUM VULGARE. ZEA MAYS. TRITICUM AESTIVUM; LEGUMINOSAE: MEDICAGO SATIVA. POT SODIUM. CHLORIDE. OSMOTIC STRESS. HUMIDITY. POTASSIUM. CALCIUM TRANSPIRATION. POTASSIUM UPTAKE. CHLORIDE UPTAKE
1719. RATNER, E. I. PHYSIOLOGICAL CHARACTERISTICS OF THE SALT EFFECT IN HALOPHYTES AND GLYCOPHYTES. (RUS). DOKLADY AKADEMIY NAUK. SSSR. 88: 357-360. 1953. BEET. SUGAR: SUAEADA CHENOPODIACEAE: BETA VULGARIS. SUAEADA CORNICULATA. SAND POTASSIUM. CHLORIDE. SULFATE. MAGNESIUM. SALINE SOIL. ALKALI SOIL. CALCIUM. SODIUM VEGETATIVE GROWTH. CHLORIDE UPTAKE. POTASSIUM UPTAKE. ORGANIC ACID
1720. RATNER, E. I. PHYSIOLOGICAL EFFECT OF SOIL ALKALINITY AND THE AMELIORATIVE ROLE OF PLANT ROOT SYSTEMS ON SOLONETZ (ALKALI SOILS). PEDOLOGY 4-5: 205-227. 1944. BARLEY: WHEAT: HEMP GRAMINEAE: HORDEUM VULGARE. TRITICUM AESTIVUM; MORACEAE: CANNABIS SATIVA. POT. WATER CULTURE. SOIL EXCHANGEABLE SODIUM PERCENTAGE. SODIUM. CALCIUM. SOLONETZ CALCIUM UPTAKE. MINERAL COMPOSITION. ROOT GROWTH
1721. RAUF, A.; MIAN, M. A. INDUCING SALT RESISTANCE BY PRESOWING SEED TREATMENTS: 1. GERMINATION AND SURVIVAL. PAK. J. SOIL SCI. 3: 16-23. 1967. SORGHUM: WHEAT GRAMINEAE: TRITICUM AESTIVUM. SORGHUM VULGARE. SOIL. POT SEED PRETREATMENT. SODIUM. CHLORIDE. SULFATE. BICARBONATE. MAGNESIUM GERMINATION
1722. RAUSNER, W. E.; CROWLE, W. L. SALT TOLERANCE OF RUSSIAN WILD RYEGRASS IN RELATION TO TALL WHEATGRASS AND SLENDER WHEATGRASS. CAN. J. PLANT SCI. 43: 397-407. 1963. WILD RYE. RUSSIAN: WHEATGRASS. TALL: WHEATGRASS. SLENDER GRAMINEAE: ELYMUS JUNCCEUS. AGROPYRON ELONGATUM. AGROPYRON TRACHYCAULUM. SOIL. GERMINATION DISHES. FIELD PLOT SALINE SOIL. SODIUM. CALCIUM. SULFATE. CHLORIDE. POLYETHYLENE GLYCOL VEGETATIVE GROWTH. GERMINATION
1723. RAUSNER, W. E.; HANSON, J. B. THE METABOLIC STATUS OF RIBONUCLEIC ACID IN SOYBEAN ROOTS EXPOSED TO SALINE MEDIA. CAN. J. BOT. 44: 759-779. 1966. SOYBEAN LEGUMINOSAE: GLYCINE MAX. GROWTH CHAMBER. WATER CULTURE SODIUM. POTASSIUM. SULFATE. VARIETY DESOXYRIBONUCLEIC ACID. RIBONUCLEIC ACID. NUCLEIC ACID. PROTEIN
1724. RAVIKOVITCH, S. EFFECTS OF BRACKISH IRRIGATION WATER AND FERTILIZERS ON MILLET AND CORN. EXPT. AGRIC. 9: 181-188. 1973. CORN: MILLET. BROOMCORN GRAMINEAE: ZEA MAYS. PANICUM MILLIACEUM. FIELD PLOT. SOIL SODIUM. CHLORIDE. NITROGEN. PHOSPHATE. FERTILIZER. EXCHANGEABLE SODIUM PERCENTAGE NITROGEN UPTAKE. PHOSPHORUS UPTAKE

1725. RAVIKOVITCH, S. METHODS OF IRRIGATION AND THEIR EFFECTS ON SOIL SALINITY AND CROPS. AGRIC. RES. STA. REHOVOT BULL. 40: 1-36. 1946. COWPEA; CORN; BEET; CARROT; CLOVER; OATS GRAMINEAE: ZEA MAYS, AVENA SATIVA; LEGUMINOSAE: TRIFOLIUM, VIGNA SINENSIS; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; CHENOPDIACEAE: BETA VULGARIS. FIELD PLOT, SOIL IRRIGATION METHOD, SOIL TYPE MINERAL UPTAKE
1726. RAVIKOVITCH, S.; BIDNER, N. THE DETERIORATION OF GRAPE-VINES IN SALINE SOILS. EMPIRE J. EXPT. AGRIC. 5: 197-203. 1937. GRAPE VITACEAE: VITIS. SOIL, FIELD SODIUM, CHLORIDE, SALINE SOIL LEAF INJURY, SODIUM UPTAKE, CHLORIDE UPTAKE
1727. RAVIKOVITCH, S.; BIDNER, N. EFFECTS OF SOIL SALINITY ON CLOVER IN THE YEZEEL VALLEY. EMPIRE J. EXPT. AGRIC. 8: 207-214. 1940. CLOVER, BERSEEM LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. SOIL, FIELD PLOT SALINE SOIL LEAF INJURY
1728. RAVIKOVITCH, S.; MURAVSKY, E. IRRIGATION WITH WATERS OF VARYING DEGREES OF SALINITY AND ITS INFLUENCE ON SOIL AND CROPS. INTER. CONG. IRRIG. AND DRAIN. TRANS. 4: 13.177-13.207. 1960. CLOVER; PEA; CORN; MILLET, FOXTAIL; WHEAT; BARLEY; CATS; SUNFLOWER; CUCUMBER; COWPEA; POTATO LEGUMINOSAE: VIGNA SINENSIS, TRIFOLIUM, PISUM SATIVUM; GRAMINEAE: ZEA MAYS, TRITICUM AESTIVUM, HORDEUM VULGARE, SETARIA ITALICA, AVENA SATIVA; SOLANACEAE: SOLANUM TUBEROSUM; CUCURBITACEAE: CUCUMIS SATIVUS; COMPOSITAE: HELIANTHUS ANNUUS. FIELD SALINE SOIL, SALINE WATER, EXCHANGEABLE SODIUM PERCENTAGE CAROTENE OIL, PROTEIN, STARCH
1729. RAVIKOVITCH, S.; NAVROT, J. THE EFFECT OF SOIL TEMPERATURE ON PLANTS GROWN IN SALINE SOIL. SOIL SCI. 113: 431-439. 1972. CLOVER; CORN; MILLET, AFRICAN GRAMINEAE: ZEA MAYS, ELEUSINE CERACANA; LEGUMINOSAE: TRIFOLIUM. SOIL, POT TEMPERATURE, SODIUM, CHLORIDE MINERAL COMPOSITION
1730. RAVIKOVITCH, S.; PORATH, A. THE EFFECT OF NUTRIENTS ON THE SALT TOLERANCE OF CROPS. PLANT SOIL 26: 49-71. 1967. COWPEA; CLOVER; BEAN; VETCH; CORN; MILLET, FOXTAIL; MILLET, AFRICAN; TOMATO; CARROT LEGUMINOSAE: VIGNA SINENSIS, TRIFOLIUM, PHASEOLUS, VICIA; GRAMINEAE: ZEA MAYS, SETARIA ITALICA, ELEUSINE CERACANA; SOLANACEAE: LYCOPERSICON ESCULENTUM; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA. GREENHOUSE, SOIL, POT SODIUM, MAGNESIUM, CALCIUM, CHLORIDE, BICARBONATE, SULFATE, NITROGEN, PHOSPHATE, POTASSIUM, FERTILIZER CAROTENE, VEGETATIVE GROWTH
1731. RAVIKOVITCH, S.; YOLE, D. THE INFLUENCE OF PHOSPHORUS AND NITROGEN ON MILLET AND CLOVER GROWING IN SOILS AFFECTED BY SALINITY. I. PLANT DEVELOPMENT. PLANT SOIL 35: 555-567. 1971. MILLET, FOXTAIL; CLOVER, BERSEEM GRAMINEAE: SETARIA ITALICA; LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. POT, SOIL SODIUM, CHLORIDE, NITROGEN, PHOSPHATE, POTASSIUM, FERTILIZER VEGETATIVE GROWTH, ROOT GROWTH
1732. RAVIKOVITCH, S.; YOLE, D. THE INFLUENCE OF PHOSPHORUS AND NITROGEN ON MILLET AND CLOVER GROWING IN SOILS AFFECTED BY SALINITY. II. PLANT COMPOSITION. PLANT SOIL 35: 569-588. 1971. MILLET, FOXTAIL; CLOVER, BERSEEM GRAMINEAE: SETARIA ITALICA; LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. POT, SOIL SODIUM, CHLORIDE, NITROGEN, PHOSPHATE, POTASSIUM, FERTILIZER MINERAL COMPOSITION, SUGAR
1733. RAY, H.; SHARMA, S. C.; VAKIL, P. COMPARATIVE PERFORMANCE OF SIX WHEAT VARIETIES UNDER DIFFERENT SALINITY LEVELS. FARM J. 13: 15-18. 1972. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL SODIUM, CALCIUM, CHLORIDE, VARIETY GRAIN YIELD, STRAW YIELD
1734. REAM, O. L.; FUER, U. P. SALT TOLERANCE OF SOME CITRUS SPECIES, RELATIVES, AND HYBRIDS TESTED AS ROOTSTOCKS. J. AMER. SOC. HORT. SCI. 101: 265-267. 1976. CITRUS RUTACEAE, CITRUS. SOIL, FIELD PLOT SODIUM, CHLORIDE, CALCIUM, ROOTSTOCK SALT TOLERANCE, HYBRID
1735. REDDY, M. S.; RAO, G. R. INFLUENCE OF SODIUM CARBONATE ON THE UPTAKE OF P32 BY GROUNDNUT PLANTS. CURR. SCI. 36: 161-162. 1967. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. SOIL, COMPOST SODIUM, CARBONATE PHOSPHORUS UPTAKE
1736. REDDY, P. R.; COSS, J. A. EFFECT OF SALINITY ON POLLEN. I. POLLEN VIABILITY AS ALTERED BY INCREASING OSMOTIC PRESSURE WITH NaCl, MgCl2, AND CaCl2. AMER. J. BOT. 58: 721-725. 1971. PETUNIA SOLANACEAE: PETUNIA HYBRIDA. WATER

CULTURE, POT. GREENHOUSE OSMOTIC PRESSURE, SODIUM, CHLORIDE, MAGNESIUM, CALCIUM POLLEN VIABILITY, GERMINATION

1737. REDMANN, R. E. OSMOTIC AND SPECIFIC ION EFFECTS ON THE GERMINATION OF ALFALFA. CAN. J. BOT. 52: 803-808. 1974. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. GERMINATION DISHES, WATER CULTURE VARIETY, OSMOTIC PRESSURE, SODIUM, POTASSIUM, SULFATE, CHLORIDE, MAGNESIUM, MANNITOL, POLYETHYLENE GLYCOL GERMINATION, TOXICITY
1738. REED, H. S.; HAAS, A. R. C. THE EFFECT OF SODIUM CHLORIDE AND CALCIUM CHLORIDE UPON GROWTH AND COMPOSITION OF YOUNG ORANGE TREES. UNIV. CALIF. AGRIC. EXPT. STA. TECH. BULL. 4: 1-33. 1923. ORANGE RUTACEAE: CITRUS SINENSIS, CITRUS AURANTIUM. POT. SAND SODIUM, CHLORIDE, CALCIUM VEGETATIVE GROWTH, MINERAL COMPOSITION
1739. REED, H. S.; HAAS, A. R. C. NUTRIENT AND TOXIC EFFECTS OF CERTAIN IONS ON CITRUS AND WALNUT TREES WITH ESPECIAL REFERENCE TO THE CONCENTRATION AND PH OF THE MEDIUM. CALIF. AGRIC. EXPT. STA. TECH. PAPER 17: 75 PP. 1924. CITRUS: WALNUT JUGLANDACEAE: JUGLANS REGIA: RUTACEAE: CITRUS. WATER CULTURE, GREENHOUSE SODIUM, SULFATE, NITRATE, CALCIUM, CHLORIDE, BICARBONATE, LEACHING VEGETATIVE GROWTH, MINERAL COMPOSITION, LEAF INJURY
1740. REED, H. S.; HAAS, A. R. C. STUDIES ON THE EFFECTS OF SODIUM, POTASSIUM, AND CALCIUM ON YOUNG ORANGE TREES. CALIF. STA. TECH. PAPER 11: 23 PP. 1923. ORANGE RUTACEAE: CITRUS SINENSIS, CITRUS AURANTIUM. SAND, POT SODIUM, SULFATE LEAF INJURY, SODIUM UPTAKE
1741. REIFENBERG, A. THE INFLUENCE OF SALT SOLUTIONS ON THE INTAKE OF IONS BY BARLEY SEEDLINGS. C. R. DU CONGRES DE PEDOLOGIE: 434-442. 1947. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE SODIUM, CHLORIDE, POTASSIUM, CALCIUM, MAGNESIUM, SULFATE, BICARBONATE SODIUM UPTAKE, POTASSIUM UPTAKE, MINERAL COMPOSITION
1742. REIFENBERG, A.; ROSOVSKY, R. SALINE IRRIGATION WATER AND ITS EFFECT ON THE INTAKE OF IONS BY BARLEY SEEDLINGS. PALESTINE J. BOTANY, JERUSALEM 4: 1-13. 1947. BARLEY GRAMINEAE: HORDEUM VULGARE. POT. WATER CULTURE SODIUM, CHLORIDE, POTASSIUM MINERAL COMPOSITION, SODIUM UPTAKE, CHLORIDE UPTAKE
1743. REIMOLD, R. J.; QUEEN, W. H. ECOLOGY OF HALOPHYTES. ACADEMIC PRESS, NEW YORK: 605 PP. 1974. HALOPHYTE
1744. REITZ, H. S. SALT OR FERTILIZER BURN. IN FLORIDA GUIDE TO CITRUS INSECTS, DISEASES, AND NUTRITIONAL DISORDERS IN COLOR. PRATT, R. M. (ED.), UNIV. FLA. AGRIC. EXPT. STA., GAINESVILLE: 72-76. 1958. CITRUS RUTACEAE: CITRUS.
1745. RELWANT, L. L. SENJI (MEILLOTUS INDICA): A DROUGHT AND SALINITY TOLERANT LEGUME FODDER FOR NORTH INDIA. INDIAN DAIRYMAN 24: 125-127. 1972. SENJI: CLOVER, SWEET LEGUMINOSAE: MEILLOTUS INDICA.
1746. REPP, G. THE CULTIVATION OF RICE AMELIORATES SALTY LAND. FOOD AGRIC. FAO EUROPEAN BULL. NO. 4: 203-205. 1950. RICE: CLOVER, WHITE SWEET: RYEGRASS, ITALIAN: CLOVER GRAMINEAE: ORYZA SATIVA, LOLIUM ITALICUM; LEGUMINOSAE: MEILLOTUS ALBA, TRIFOLIUM LODI. FIELD, SOIL SALINE SOIL
1747. REPP, G. DIE SALZTOLERANZ DER PFLANZEN. I. SALZHAUSHALT UND SALZRESISTENZ VON MARSCHPFLANZEN DER NORDSEEKUSTE DANEMARKS IN BEZIEHUNG ZUM STANDORT. SALT TOLERANCE OF PLANTS. I. SALT CAPACITY AND SALT RESISTANCE OF MARSH PLANTS OF THE DANISH NORTH SEA COAST IN RELATION TO THEIR HABITAT (GER). OSTERR. BOTAN. Z. 104: 454-490. 1958. NATIVE VEGETATION FIELD, SOIL SALT SPRAY, SALINE WATER, SALINE SOIL, BRACKISH WATER, SEA WATER ECOLOGY, SALT TOLERANCE
1748. REPP, G. THE SALT TOLERANCE OF PLANTS, BASIC RESEARCH AND TESTS. IN SALINITY PROBLEMS OF THE ARID ZONES. UNESCO, PARIS, TEHERAN SYMP. ARID ZONE RES. 14: 153-161. 1961. BEET, SUGAR: BEAN, BROAD: VETCH, BITTER: ALFALFA: LENTIL: NATIVE VEGETATION CHENOPODIACEAE: BETA VULGARIS, SUAEDA MARITIMA, SALICORNIA HERBACEA, CBIONE PORTULACOIDES: LEGUMINOSAE: LOTUS TENUIS, ERVUM ERVILLEA, VICIA FABA, VICIA CRACCA, MEDICAGO SATIVA, LENS CULINARIS, LOTUS SILIQUOSUS, LOTUS CORNICULATUS, MEILLOTUS ALBA: GRAMINEAE: ALOPECURUS PRATENSIS, BECKMANNIA ERUCAEFORMIS, POA PRATENSIS, PUCCINELLIA PEISONIS: CARYOPHYLLACEAE: SPERGULARIA SALINA: CRUCIFERAE: LEPIDIUM CARTILAGINEUM, LEPIDIUM CRASSIFOLIUM; COMPOSITAE: ASTER TRIPOLIUM, ARTEMISIA MARITIMA, TARAXACUM BESSARABICUM; PLANTAGINACEAE: PLANTAGO MARITIMA; PLUMBAGINACEAE: STATICE LIMONIUM; JUNCAGINACEAE: TRIGLOCHIN MARITIMA. FIELD PLOT, SOIL SODIUM.

CHLORIDE, CALCIUM SALT TOLERANCE, VEGETATIVE GROWTH

1749. REPP, G. I.; MCALLISTER, V. R.; WEIBE, H. H. SALT RESISTANCE OF PROTOPLASM AS A TEST FOR THE SALT TOLERANCE OF AGRICULTURAL PLANTS. AGRON. J. 51: 311-314. 1959. WHEATGRASS, TALL; BEET, SUGAR; LENTIL; BEAN, BROAD; VETCH, BIRD; JUTE, CHINA; WATERLEAF; ALFALFA. LEGUMINOSAE: VICIA FABA, VICIA CRACCA, MEDICAGO SATIVA, LOTUS TENUIS, LOTUS CORNICULATUS, MELILOTUS ALBA, LENS CULINARIS, TRIFOLIUM REPENS, ERVUM ERVILIEA; GRAMINEAE: AGROPYRON ELONGATUM; CHENOPODIACEAE: HALOGETON GLOMERATUS, BETA VULGARIS, SALSOLA KALI; HYDROPHYLLACEAE: PHACELIA TANACETIFOLIA; MALVACEAE: ABUTILON AVICENNAE. FIELD PLOT, SOIL, WATER CULTURE. SODIUM, CHLORIDE, CALCIUM, VARIETY PLASMOLYSIS, VEGETATIVE GROWTH
1750. RETZER, J. L.; MOGEN, C. A. SALT TOLERANCE OF GUAYULE. J. AMER. SOC. AGRON. 38: 728-742. 1946. GUAYULE COMPOSITAE: PARTHENIUM ARGENTATUM. FIELD PLOT, SOIL. SALINE SOIL. VEGETATIVE GROWTH
1751. RICH, A. E. EFFECT OF DE-ICING CHEMICALS ON WOODY PLANTS. IN POLLUTANTS IN THE ROADSIDE ENVIRONMENT, UNIV. CONN. SYMP. PROC. (FEB. 29): 46-47. 1968. MAPLE, SUGAR; PINE, WHITE; HEMLOCK; FIR, BALSAM; PINE, RED; MAPLE, NORWAY. ACERACEAE: ACER SACCHARUM, ACER PLATANOIDES; PINACEAE: PINUS STROBUS, PINUS RESINOSA, TSUGA CANADENSIS, ABIES BALSAMEA. FIELD, SOIL. DEICING SALT. LEAF INJURY, TOXICITY
1752. RICH, A. E. EFFECTS OF SALT ON EASTERN HIGHWAY TREES. AMER. NURSERYMAN 135: 36-39. 1972. HEMLOCK, CANADIAN; FIR, BALSAM; PINE, EASTERN WHITE; PINE, RED; MAPLE, SUGAR; MAPLE, RED; BASSWOOD; ELM, AMERICAN; OAK, RED; ASH, WHITE; LOCUST, BLACK; ASPEN, QUAKING; CHERRY, BLACK; BIRCH, SWEET; BIRCH, GRAY; BIRCH, CANOE; BIRCH, YELLOW; MAPLE, NORWAY; CEDAR, RED. FAGACEAE: QUERCUS RUBRA, QUERCUS ALBA; ACERACEAE: ACER PLATANOIDES, ACER SACCHARUM, ACER RUBRUM; CUPRESSACEAE: JUNIPERUS VIRGINIANA; OLEACEAE: FRAXINUS AMERICANA; ULMACEAE: ULMUS AMERICANA; LEGUMINOSAE: ROBINIA PSEUDOACACIA; TILIACEAE: TILIA AMERICANA; SALICACEAE: POPULUS TREMULOIDES; ROSACEAE: PRUNUS SEROTINA; BETULACEAE: BETULA LENTA, BETULA POPULIFOLIA, BETULA PAPHYRIFERA, BETULA ALLEGHANIENSIS; PINACEAE: ABIES BALSAMEA, PINUS STROBUS, PINUS RESINOSA, TSUGA CANADENSIS. DEICING SALT
1753. RICH, A. E. SOME EFFECTS OF DEICING CHEMICALS ON ROADSIDE TREES. HIGHWAY RES. RECORD 425: 14-17. 1973. OAK, RED; OAK, WHITE; ASH, WHITE; LOCUST, BLACK; ASPEN, QUAKING; CHERRY, BLACK; BIRCH, BLACK; BIRCH, GRAY; BIRCH, PAPEL; BIRCH, YELLOW; MAPLE, NORWAY; MAPLE, SUGAR; HEMLOCK, CANADIAN; FIR, BALSAM; PINE, WHITE; PINE, RED; MAPLE, RED; BASSWOOD; ELM, AMERICAN. PINACEAE: TSUGA CANADENSIS, PINUS STROBUS, PINUS RESINOSA, ABIES BALSAMEA; FAGACEAE: QUERCUS ALBA, QUERCUS RUBRA; LEGUMINOSAE: ROBINIA PSEUDOACACIA; OLEACEAE: FRAXINUS AMERICANA; TILIACEAE: TILIA AMERICANA; ACERACEAE: ACER SACCHARUM, ACER RUBRUM, ACER PLATANOIDES; ULMACEAE: ULMUS AMERICANA; SALICACEAE: POPULUS TREMULOIDES; ROSACEAE: PRUNUS SEROTINA; CORYLACEAE: BETULA ALLEGHANIENSIS, BETULA LENTA, BETULA POPULIFOLIA, BETULA PAPHYRIFERA. FIELD, SOIL, GREENHOUSE. SODIUM, CHLORIDE, CALCIUM, DEICING SALT. LEAF INJURY, CHLORIDE UPTAKE
1754. RICH, A. E.; LACASSE, N. L. SALT INJURY TO ROADSIDE TREES. FOREST NOTES, CONCORD N. H. 80: 3-5. 1963-1964. MAPLE; MAPLE, SUGAR; BIRCH, WHITE; TULIP TREE; ASH, WHITE. ACERACEAE: ACER, ACER SACCHARUM; BETULACEAE: BETULA PAPHYRIFERA; OLEACEAE: FRAXINUS AMERICANA; MAGNOLIACEAE: LIRIODENDRON TULIPIFERA. VERMICULITE, FIELD, SOIL. SODIUM, CHLORIDE, DEICING SALT. SALT TOLERANCE, ECOLOGY
1755. RICHARDS, L. A.; WADLEIGH, C. H. SOIL WATER AND PLANT GROWTH. IN SOIL PHYSICAL CONDITIONS AND PLANT GROWTH, SHAW, B. T. (ED.), AGRONOMY 2: 73-251. 1952.
1756. RICHARDSON, S. D. EFFECTS OF SEA-WATER FLOODING ON TREE GROWTH IN THE NETHERLANDS. QUART. J. FOR. 49: 22-28. 1955. OAK, TURKEY; OAK, ENGLISH; SALLOW; BIRCH; BRAMBLES; THORNS; OAK, HOLM; WILLOW; GORSE; LIFE; PINE; BEECH; SYCAMORE; ALDER; POPLAR; ASH. FAGACEAE: QUERCUS CERRIS, QUERCUS ROBUR, FAGUS, QUERCUS ILEX; CORYLACEAE: BETULA, ALNUS; SALICACEAE: SALIX CAPREA, POPULUS NIGRA, SALIX; ROSACEAE: RUBUS; LEGUMINOSAE: ULEX; TILIACEAE: TILIA; PLATANACEAE: PLATANUS; OLEACEAE: FRAXINUS; PINACEAE: PINUS; ERICACEAE: RHODODENDRON. FIELD, SOIL. FLOOD, IRRIGATION. VEGETATIVE GROWTH, FLOOD INJURY, SALT TOLERANCE
1757. RICOME, M. H. INFLUENCE DU CHLORURE DE SODIUM SUR LA TRANSPIRATION ET L'ABSORPTION DE L'EAU CHEZ LES VEGETAUX. INFLUENCE OF SODIUM CHLORIDE ON TRANSPIRATION AND ABSORPTION OF WATER BY VEGETABLES. (FRE). COMPT. REND. HEBDOM.

- SCI. (PARIS) 137: 141-149. 1903. STOCK, VIRGINIAN; ALYSSUM, SWEET CRUCIFERAE; MALCOLMIA MARITIMA, ALYSSUM MARITIMUM. WATER CULTURE SODIUM, CHLORIDE TRANSPIRATION, WATER UPTAKE
1758. RINGUELET, R. LE RIZ ET LE SEL. RICE AND SALT. (FRE). TERRE MAROCAINE 20 (AUGUST): 252-255. 1956. RICE GRAMINEAE: ORYZA SATIVA. SODIUM, CHLORIDE SALT TOLERANCE
1759. RIVERA, A. M.; HERAS, L. EFECTO DE DISTINTOS NIVELES DE SALINIDAD SOBRE EL CONTENIDO DE CHLOROFILA, COMPOSICION MINERAL Y CRECIMIENTO EN CENTENO (SECALE CEREALE) TETRAPLOIDE. EFFECT OF DIFFERENT SALINITY LEVELS ON CHLOROPHYLL CONTENT, MINERAL COMPOSITION AND GROWTH OF TETRAPLOID RYE. (SPA; ENG SUM). AN. ESTAC. EGYPT. AULA DEI 12: 100-108. 1973. RYE GRAMINEAE: SECALE CEREALE. POT SODIUM, CHLORIDE MINERAL COMPOSITION, VEGETATIVE GROWTH, CHLOROPHYLL
1760. RIVERS, W. G.; WEBER, D. J. THE INFLUENCE OF SALINITY AND TEMPERATURE ON SEED GERMINATION IN SALICORNIA BIGELOVII. PHYSIOL. PLANT. 24: 73-75. 1971. GLASSWORT CHENOPODIACEAE: SALICORNIA BIGELOVII. GERMINATION DISHES SEA WATER, TEMPERATURE GERMINATION
1761. RIZK, T. Y.; NORMAND, W. C. EFFECTS OF SALINITY ON LOUISIANA SUGAR CANE. INTER. SUGAR J. 71: 227-230. 1969. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. POT, SAND SODIUM, CHLORIDE, CALCIUM, SULFATE, LEACHING VEGETATIVE GROWTH, TOXICITY, WATER UPTAKE
1762. ROBERTS, E. C.; ZYBURA, E. L. EFFECT OF SODIUM CHLORIDE ON GRASSES FOR ROADSIDE USE. HIGHWAY RES. RECORD 193: 35-42. 1967. FESCUE, TALL; WILDRYE, RUSSIAN; CANARY GRASS, REED; BUFFALO GRASS; LOVEGRASS, SAND; GRAMA, SIDEOTS; GRAMA, BLUE; WHEATGRASS, SLENDER; WHEATGRASS, WESTERN; WHEATGRASS, INTERMEDIATE GRAMINEAE: AGROPYRON INTERMEDIUM, AGROPYRON SMITHII, AGROPYRON TRACHYCAULUM, BOUTELOUA GRACILIS, BOUTELOUA CURTIPENDULA, BUCHLOE DACTYLOIDES, ERAGROSTIS TRICHODES, ELYMUS JUNCUS, FESTUCA ARUNDINACEA, PHALARIS ARUNDINACEA. SOIL, FIELD, POT SODIUM, CHLORIDE, DEICING SALT SALT TOLERANCE, VEGETATIVE GROWTH
1763. ROBERTS, R. C. CHEMICAL EFFECTS OF SALT TOLERANT SHRUBS ON SOILS. 4TH INTER. CONG. SOIL SCI. 1: 404-406. 1950. SHADSCALE; GREASEWOOD; PICKLEWEED; SAMPHIRE; MESQUITE; SALTBUSH, FOURWING; SALTBUSH, DESERT; CREOSOTE BUSH; SAGEBRUSH CHENOPODIACEAE: ATRIPLEX POLYCARPA, ATRIPLEX CANESCENS, ATRIPLEX CONFERTIFOLIA, ALLENROLFEA OCCIDENTALIS, SALICORNIA, SARCOBATUS VERMICULATUS; COMPOSITAE: ARTEMISIA TRIDENTATA; ZYGOPHYLLACEAE: LARREA DIVARICATA; LEGUMINOSAE: PROSOPIS GLANDULOSA. FIELD, SOIL EXCHANGEABLE SODIUM PERCENTAGE, PH, MINERAL COMPOSITION, ECOLOGY
1764. ROBERTSON, J. H. PENETRATION OF ROOTS OF TALL WHEATGRASS IN WET SALINE-SODIC SOIL. ECOLOGY 36: 755-757. 1955. WHEATGRASS, TALL GRAMINEAE: AGROPYRON ELONGATUM. SOIL, FIELD SALINE SOIL, ALKALINE SOIL VEGETATIVE GROWTH
1765. ROBERTSON, L. S.; KNEZEK, B. D.; BELO, J. O. A SURVEY OF MICHIGAN SOILS AS RELATED TO POSSIBLE BORON TOXICITIES. COMMUN. SOIL SCI. PLANT ANAL. 6: 359-373. 1975. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. SOIL, FIELD PLOT BORON TOXICITY, BORON UPTAKE
1766. ROBINSON, F. E.; MAYBERRY, K. S.; LEHMAN, W. F.; TANJII, K. K.; LUTHIN, J. N. CROP RESPONSE TO HIGHER SALINITY IN SPRINKLER IRRIGATION. ANN. MEETING AMER. SOC. AGRIC. ENG. 1975: 8 PP. 1975. LETTUCE; CABBAGE; CARROT; ONION; BEET, SUGAR; ALFALFA; SORGHUM; MUSKMELON; CAULIFLOWER; BEAN; BROCCOLI COMPOSITAE: LACTUCA SATIVA; CUCURBITACEAE: CUCUMIS MELO; GRAMINEAE: SORGHUM VULGARE; CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA, BRASSICA OLERACEA VAR BOTRYTIS, BRASSICA OLERACEA VAR ITALICA; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; AMARYLLIDACEAE: ALLIUM CEPA; CHENOPODIACEAE: BETA VULGARIS; LEGUMINOSAE: MEDICAGO SATIVA, PHASEOLUS VULGARIS. SOIL, FIELD PLOT IRRIGATION METHOD, CHLORIDE, CALCIUM, BICARBONATE, MAGNESIUM, SODIUM, SULFATE GERMINATION, CROP QUALITY
1767. ROBINSON, F. E.; MCCOY, O. D. THE EFFECT OF SPRINKLER IRRIGATION WITH SALINE WATER AND RATES OF SEEDING ON GERMINATION AND GROWTH OF LETTUCE. PROC. AMER. SOC. HORT. SCI. 87: 318-323. 1965. LETTUCE COMPOSITAE: LACTUCA SATIVA. FIELD PLOT, SOIL SPRINKLER IRRIGATION, IRRIGATION METHOD, FURROW IRRIGATION, SALINE WATER GERMINATION, VEGETATIVE GROWTH

1768. ROBINSON, F. E.; MCCOY, O. D. POPULATION, GROWTH RATE, AND MATURITY OF VEGETABLE CROPS IN RELATION TO SOIL SALINITY AND TEXTURE UNDER SPRINKLER AND FURROW IRRIGATION. AGRON. J. 59: 178-181. 1967. LETTUCE; CABBAGE; CARROT; ONION; CRUCIFERAE; BRASSICA OLERACEA VAR CAPITATA; COMPOSITAE; LACTUCA SATIVA; AMARYLLIDACEAE; ALLIUM CEPA; UMBELLIFERAE; DAUCUS CAROTA VAR SATIVA. FIELD PLOT, SOIL IRRIGATION METHOD, SALINE SOIL, PLANT SPACING VEGETATIVE GROWTH
1769. ROBINSON, F. E.; WORKER, G. F. GROWTH OF SUGAR CANE IN AREAS IRRIGATED WITH COLORADO RIVER WATER. CALIF. AGRIC. 19: 2-3. 1965. SUGARCANE GRAMINEAE; SACCHARUM OFFICINARUM.
1770. ROBINSON, J. B. THE LIVING PLANT AND SALINE WATER. WATER RES. FOUND. AUST. REPT. 29: 9.1-9.12. 1969.
1771. ROBINSON, J. B. SALINITY AND THE WHOLE PLANT. IN SALINITY AND WATER USE, A NATIONAL SYMP. ON HYDROLOGY, TALSMAN, T. AND PHILIP, J. R. (EDS.). WILEY-INTERSCIENCE, N. Y., N. Y.: 193-206. 1971. SALT TOLERANCE
1772. RODNEY, D. R.; BOSWELL, S. B. SODIUM IN LEMON TREE COLLAPSE RELATIONSHIP OF SODIUM CONTENT OF ROOT TISSUES TO DECLINE AND COLLAPSE OF LEMON TREES INVESTIGATED. CALIF. AGRIC. 8: 14-15. 1954. LEMON RUTACEAE; CITRUS LIMON. SOIL, FIELD ROOTSTOCK SODIUM UPTAKE, VEGETATIVE GROWTH
1773. RODNEY, D. R.; HARDING, R. B.; BOSWELL, S. B.; WHITING, F. L. LEMON TREE COLLAPSE AS RELATED TO SODIUM IN ROOTS. CALIF. CITRUS. 41: 313-315, 317. 1956. LEMON RUTACEAE; CITRUS LIMON. SOIL, FIELD VEGETATIVE GROWTH, SODIUM UPTAKE
1774. RODNEY, D. R.; HARDING, R. B.; BOSWELL, S. B.; WHITING, F. L. RELATION OF CHEMICAL COMPOSITION OF LEAVES AND ROOTS TO DECLINE AND COLLAPSE OF CALIFORNIA LEMON TREES. PROC. AMER. SOC. HORT. SCI. 68: 234-244. 1956. LEMON RUTACEAE; CITRUS LIMON. FIELD, SOIL VEGETATIVE GROWTH, MINERAL COMPOSITION
1775. ROFFMAN, A.; ROFFMAN, H. EFFECTS OF SALT WATER COOLING TOWER DRIFT ON WATER BODIES AND SOIL. WATER AIR SOIL POLLUT. 2: 457-471. 1974. NATIVE VEGETATION FIELD, SOIL, SAND COOLING TOWER, SALT SPRAY ECOLOGY
1776. ROGERS, A. L.; BAILEY, E. T. SALT TOLERANCE TRIALS WITH FORAGE PLANTS IN SOUTH WESTERN AUSTRALIA. AUST. J. EXPT. AGRIC. AN. HUSB. 3: 125-130. 1963. NATIVE VEGETATION; FORAGE PLANT FIELD, SOIL SALINE SOIL GERMINATION, VEGETATIVE GROWTH, SALT TOLERANCE
1777. ROGERS, H. T. BORON RESPONSE AND TOLERANCE OF SEVERAL LEGUMES TO BORAX. AMER. SOC. AGRON. J. 39: 897-913. 1947. ALFALFA; CLOVER, BUR; CLOVER, CRIMSON; CLOVER, RED; CLOVER, WHITE; PEA, AUSTRIAN WINTER; LUPINE, BLUE; VETCH; SOYBEAN; CLOVER, ALYCE; PEANUT; SERICEA LEGUMINOSAE; MEDICAGO SATIVA, TRIFOLIUM PRATENSE, TRIFOLIUM REPENS, ARACHIS HYPOGAEA, GLYCINE MAX, VICIA SATIVA, ALYSICARPUS, TRIFOLIUM INCARNATUM, PISUM SATIVUM, LUPINUS HIRSUTUS. SOIL, FIELD BORON VEGETATIVE GROWTH, TOXICITY
1778. ROGERS, H. T. SUSCEPTIBILITY OF WINTER LEGUMES TO INJURY BY BORAX. ALA. AGRIC. EXPT. STA. 54TH AND 55TH ANNU. REPTS. (1943-1944): 11. 1946. CLOVER, BUR; PEA; VETCH; CLOVER, CRIMSON; LUPINE LEGUMINOSAE; LUPINUS, PISUM SATIVUM, TRIFOLIUM INCARNATUM, VICIA SATIVA, MEDICAGO HISPIDA. SOIL BORON TOXICITY, VEGETATIVE GROWTH
1779. ROMANO, E. BESOINS EN EAU ET RESISTANCE A LA SALINITE DE L'OLIVIER. WATER NEEDS AND SALINITY RESISTANCE OF THE OLIVE TREE. (FRE). INFORMATION OLEICOLES INT. (N.S.) 41: 65-69. 1968. OLIVE OLEACEAE; OLEA EUROPAEA.
1780. ROMATI, B.; RAVIKOVICH, S. SALT TOLERANCE OF COTTON IN VARIOUS SOILS. PROC. ISRAEL SOC. SOIL SCI. 8G: 163. 1959. COTTON MALVACEAE; GOSSYPIMUM. POT, SOIL SODIUM, CHLORIDE VEGETATIVE GROWTH
1781. ROSE, S. A.; SMITH, F. A. SALT TOLERANT PLANT TEST. PRELIMINARY RESULTS. PROC. FLA. STATE HORT. SOC. 89: 357-358. 1976. SHRUB; TREE FIELD SALT SPRAY, SEA WATER SALT TOLERANCE
1782. ROW, K. K. THE EFFECT OF SALINITY ON THE GROWTH AND COMPACTION OF SUGARCANE VARIETIES. AGRIC. J. INDIA 14: 476-493. 1919. SUGARCANE GRAMINEAE; SACCHARUM OFFICINARUM. FIELD PLOT, SOIL VARIETY, SALINE SOIL VEGETATIVE

GROWTH, GLUCOSE, SUCROSE, MINERAL COMPOSITION

1783. ROWAN, P. A. ZOUT EN CHLOORSHADE BIJ VERSCHILLENDE GEWASSEN. SALT AND CHLORIDE DAMAGE ON VARIOUS CROPS. (DUT). MAANDBL. LANDBOUWVOORL. 5.6: 290-299. 1948.
1784. ROZEMA, J. AN ECO-PHYSIOLOGICAL INVESTIGATION INTO THE SALT TOLERANCE OF GLAUX MARITIMA L. ACTA BOT. NEERL. 24: 407-416. 1975. SEA MILKWORT PRIMULACEAE: GLAUX MARITIMA. GREENHOUSE. WATER CULTURE SODIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL COMPOSITION, SUGAR, MALATE, CITRATE, OXALATE, SUCCINATE, ORGANIC ACID, LEAF WATER CONTENT
1785. ROZEMA, J. ECOPHYSIOLOGICAL STUDY ON RESPONSE TO SALT OF FOUR HALOPHYTIC AND GLYCOPHYTIC JUNCUS SPECIES. FLORA 165: 197-209. 1976. RUSH, TOAD: RUSH JUNCACEAE: JUNCUS GERARDI, JUNCUS ALPINO-ARTICULATUS, JUNCUS BUFONIUS, JUNCUS MARITIMUS. GREENHOUSE. WATER CULTURE SODIUM, CHLORIDE VEGETATIVE GROWTH, OSMOTIC POTENTIAL, CHLOROPHYLL
1786. ROZEMA, J. THE INFLUENCE OF SALINITY, INUNDATION AND TEMPERATURE ON THE GERMINATION OF SOME HALOPHYTES AND NONHALOPHYTES. OECOL. PLANT. 10: 341-353. 1975. SAXIFRAGACEAE: PARNASSIA PALUSTRIS; ONAGRACEAE: OENOTHERA PARVIFLORA, CHAMAENERION ANGUSTIFOLIUM; GRAMINEAE: AGROSTIS STOLONIFERA; CARYOPHYLLACEAE: STELLARIA MEDIA; JUNCACEAE: JUNCUS GERARDI, JUNCUS ALPINO-ARTICULATUS, JUNCUS MARITIMUS, JUNCUS ARTICULATUS, JUNCUS BUFONIUS. GREENHOUSE. POT TEMPERATURE, IRRIGATION METHOD, SEA WATER, SODIUM, CHLORIDE GERMINATION
1787. ROZEMA, J.; BLOM, B. EFFECTS OF SALINITY AND INUNDATION ON THE GROWTH OF AGROSTIS STOLONIFERA AND JUNCUS GERARDII. J. ECOL. 65: 213-222. 1977. NATIVE VEGETATION: RUSH GRAMINEAE: AGROSTIS STOLONIFERA; JUNCACEAE: JUNCUS GERARDI. SAND, GREENHOUSE SODIUM, CHLORIDE, SEA WATER, INUNDATION VEGETATIVE GROWTH, MINERAL COMPOSITION, ENZYME ACTIVITY, MALATE DEHYDROGENASE
1788. RUDOLFS, W. EFFECT OF SALT SOLUTIONS HAVING DEFINITE OSMOTIC CONCENTRATION VALUES UPON ABSORPTION BY SEEDS. SOIL SCI. 11: 277-293. 1921. CORN; SOYBEAN; ALFALFA; LUPINE, WHITE; WHEAT; WATERMELON; PEA; BUCKWHEAT; RAPE GRAMINEAE: ZEA MAYS, TRITICUM AESTIVUM; LEGUMINOSAE: LUPINUS ALBUS, MEDICAGO SATIVA, GLYCINE MAX, PISUM SATIVUM; CUCURBITACEAE: CITRULLUS VULGARIS; POLYGONACEAE: FAGOPYRUM ESCULENTUM; CRUCIFERAE: BRASSICA NAPUS. WATER CULTURE CALCIUM, SODIUM, CHLORIDE, NITRATE, POTASSIUM, MAGNESIUM, SULFATE, CARBONATE WATER UPTAKE, OSMOTIC POTENTIAL
1789. RUDOLFS, W. EXPERIMENTS WITH COMMON ROCK SALT: I. EFFECT ON ASPARAGUS. SOIL SCI. 12: 449-455. 1921. ASPARAGUS LILIACEAE: ASPARAGUS OFFICINALIS. FIELD PLOT, SOIL SODIUM, CHLORIDE VEGETATIVE GROWTH
1790. RUDOLFS, W. INFLUENCE OF SODIUM CHLORIDE UPON THE PHYSIOLOGICAL CHANGES OF LIVING TREES. SOIL SCI. 8: 397-411. 1919. OAK, WHITE; OAK, BLACK; BIRCH; MAPLE; CHESTNUT; DOGWOOD; CHERRY ACERACEAE: ACER; CORYLACEAE: BETULA; CORNACEAE: CORNUS; FAGACEAE: QUERCUS VELUTINA, QUERCUS ALBA, CASTANEA, ROSACEAE: PRUNUS. SOIL, FIELD SODIUM, CHLORIDE VEGETATIVE GROWTH, LEAF INJURY
1791. RUDOLFS, W. INFLUENCE OF WATER AND SALT SOLUTION UPON ABSORPTION AND GERMINATION OF SEEDS. SOIL SCI. 20: 15-37. 1925. LUPINE, WHITE; WATERMELON; PEA; BUCKWHEAT; SOYBEAN; WHEAT; CORN; BEAN; ALFALFA; RAPE LEGUMINOSAE: LUPINUS ALBUS, PISUM SATIVUM, GLYCINE MAX, PHASEOLUS VULGARIS, MEDICAGO SATIVA; CUCURBITACEAE: CITRULLUS VULGARIS; CRUCIFERAE: BRASSICA NAPUS; GRAMINEAE: ZEA MAYS, TRITICUM AESTIVUM; POLYGONACEAE: FAGOPYRUM ESCULENTUM. WATER CULTURE SODIUM, CHLORIDE, CALCIUM, NITRATE, SULFATE, MAGNESIUM, POTASSIUM, CARBONATE GERMINATION, WATER UPTAKE, ROOT GROWTH, SEEDLING GROWTH
1792. RUF, R. H.; ECKERT, R. E.; GIFFORD, R. O. OSMOTIC ADJUSTMENT OF CELL SAP TO INCREASE IN ROOT MEDIUM OSMOTIC STRESS. SOIL SCI. 96: 326-330. 1963. POTATO; WHEATGRASS, CRESTED SOLANACEAE: SOLANUM TUBEROSUM; GRAMINEAE: AGROPYRON DESERTICUM. GREENHOUSE, POT, WATER CULTURE OSMOTIC PRESSURE, POLYETHYLENE GLYCOL, CARLOWAX VEGETATIVE GROWTH, OSMOTIC POTENTIAL
1793. RUGE, U. BAUMSTERBEN DURCH AUFTAUSSALZE. DYING OF TREES DUE TO THAWING SALTS. (GER; ENG SUM). UMSCH. WISS. TECH. 72: 60-61. 1972. TREE DEICING SALT

1794. RUGE, U. ERKENNEN UND VERHINDERN VON AUFTAUSALZ-SCHADEN AN STRASSENBAUMEN DER GROSSSTADTE. RECOGNIZING AND PREVENTING SNOWMELT SALT INJURIES TO ROADSIDE TREES IN LARGE CITIES. (GER; ENG SUM). NACHRICHTENBL. DEUT. PFLANZENSCHUTZDIENSTES 23: 133-137. 1971. TREE FIELD. SOIL DEICING SALT. POTASSIUM. PHOSPHORUS LEAF INJURY
1795. RUGE, U. URSACHEN DER SCHADIGUNG DES STRASSENBEGLEITGRUNS IN STADTEN UND AN AUTOBAHNEN. CAUSES OF DAMAGE TO TREES ALONG CITY STREETS AND HIGHWAYS. (GER). EUR. J. PATHOL. 4: 48-50. 1974. TREE DEICING SALT
1796. RUGE, U. VERTEILUNG DES OSMOTISCHEN WERTES UND DES CHLORIDS IN STREUSALZGESCHADIGTEN ROSSKASTANIENBLÄTTERN. DISTRIBUTION OF THE OSMOTIC VALUE AND THE CHLORIDE IN HOPSE CHESTNUT LEAVES INJURED BY THAWING SALTS. (GER; ENG SUM). ANGEW. BOT. 48: 257-265. 1974. CHESTNUT. HORSE HIPPOCASTANACEAE: AESCULUS HIPPOCASTANUM. CHLORIDE CHLORIDE UPTAKE. OSMOTIC POTENTIAL. LEAF INJURY
1797. RUMBAUGH, M. D.; SWANSON, C. R. INFLUENCE OF MANNITOL ON GERMINATION AND SEEDLING DEVELOPMENT OF ALFALFA. ALFALFA IMPR. CONF. REPT. 17: 68-73. 1960. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. WATER CULTURE MANNITOL OXYGEN UPTAKE. RESPIRATION. GERMINATION
1798. RUSH, D. W. SALT RESISTANT CROPS COMING. CROPS SOILS 29: 7-9. 1976. FARLEY: WHEAT; TOMATO GRAMINEAE: HORDEUM VULGARE, TRITICUM AESTIVUM; SOLANACEAE: LYCOPERSICON ESCULENTUM. SOIL. FIELD PLOT SEA WATER VEGETATIVE GROWTH. SALT TOLERANCE
1799. RUSH, D. W.; EPSTEIN, E. GENOTYPIC RESPONSES TO SALINITY DIFFERENCES BETWEEN SALT SENSITIVE AND SALT TOLERANT GENOTYPES OF THE TOMATO. PLANT PHYSIOL. 57: 162-166. 1976. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. LYCOPERSICON ESCULENTUM. WATER CULTURE. POT. GROWTH CHAMBER SEA WATER VEGETATIVE GROWTH. SODIUM UPTAKE. POTASSIUM UPTAKE. SALT TOLERANCE. AMINO ACID
1800. RUSSELL, J. S. COMPARATIVE SALT TOLERANCE OF SOME TROPICAL AND TEMPERATE LEGUMES AND TROPICAL GRASSES. AUST. J. EXPT. AGRIC. ANIM. HUSB. 16: 103-109. 1976. BEAN, MURRAY PHASEY; SIRATRO; DOLICHOS, RONGAI; LEICHHARDT; DESMODIUM, SILVERLEAF; DESMODIUM, GREENLEAF; STYLO, COMMERCIAL TOWNSVILLE; COWPEA, CALOONA; MILES; GLYCINE, TINAROO; MEDIC. JEMALONG BARREL; MEDIC. CYPRESS BARREL; MEDIC. STAND; MEDIC. SNAIL; CLOVER, KONDIRIN ROSE; CLOVER, WHITE SAFARI; CLOVER, BERSEEM; CLOVER, STRAWBERRY; CLOVER, WHITE NEW ZEALAND; RHODES GRASS, PIONEER; BAMBATSU; BUFFEL GRASS, NUNDANK; BUFFEL GRASS, GAYNDAH; SETARIA, NANDI; PANIC GRASS, PETRI CREEK, PANGOLA GRASS; ALFALFA; CROBLE; UROCHLOA; PASPALUM; KIKUYU GRASS, WHITTET LEGUMINOSAE: MACROPTILIUM LATHYROIDES, MACROPTILIUM ATROPURPUREUM, LABLAB PURPUREUS, MACROTYLOMA UNIFLORUM, DESMODIUM UNCINATUM, DESMODIUM INTORTUM, STYLOSANTHES HUMILIS, VIGNA UNGUICULATA, LOTONONIS BAINESII, MEDICAGO SATIVA, GLYCINE WIGHTII, MEDICAGO TRUNCATULA, MEDICAGO LITTORALIS, MEDICAGO SCUTELLATA, TRIFOLIUM HIRTUM, TRIFOLIUM SEMIPILOSUM, TRIFOLIUM ALEXANDRINUM, TRIFOLIUM FRAGIFERUM, TRIFOLIUM REPENS; GRAMINEAE: CHLORIS GAYANA, PANICUM COLORATUM, CENCHRUS CILIARIS, SETARIA ANCEPS, PANICUM MAXIMUM, SORGHUM ALMUM, UROCHLOA MOSAMBICENSIS, PASPALUM DILATATUM, PENNISETUM CLANDESTINUM, DIGITARIA DECUMBENS. POT. SOIL SODIUM, CHLORIDE SODIUM UPTAKE, CHLORIDE UPTAKE
1801. RUSSELL, R. S.; BARBER, D. A. THE RELATIONSHIP BETWEEN SALT UPTAKE AND THE ABSORPTION OF WATER BY INTACT PLANTS. ANN. REV. PLANT PHYSIOL. 11: 127-140. 1960. BARLEY; SUNFLOWER; WHEAT GRAMINEAE: HORDEUM VULGARE, TRITICUM AESTIVUM; COMPOSITAE: HELIANTHUS ANNUUS.
1802. RUTLAND, R. B. SALT INDUCED WATER STRESS AS A DETERMINANT OF FLOWER QUALITY AND LONGEVITY IN CHRYSANTHEMUM. HORTSCIENCE 7: 57-59. 1972. CHRYSANTHEMUM COMPOSITAE: CHRYSANTHEMUM MOPIFOLIUM. SOIL, POT, GREENHOUSE IRRIGATION METHOD. POTASSIUM, CHLORIDE, WATER STRESS FLOWER QUALITY, VEGETATIVE GROWTH
1803. RYAN, J.; MIYAMOTO, S.; BOHN, H. L. EFFECT OF H₂SO₄ IN HIGH SODIUM IRRIGATION WATER ON THE GROWTH OF PEAS AND BEANS ON CALCAREOUS SOILS. AGRON. J. 65: 999-1000. 1973. PEA; BEAN LEGUMINOSAE: PISUM SATIVUM, PHASEOLUS VULGARIS SOIL, POT, GREENHOUSE SODIUM, ALKALINE WATER, CHLORIDE SALT TOLERANCE, MINERAL COMPOSITION
1804. RYAN, J.; MIYAMOTO, S.; STROEHLEIN, J. L. RELATION OF SOLUTE AND SORBED BORON TO THE BORON HAZARD IN IRRIGATION WATER. PLANT SOIL 47: 253-256. 1977. OATS GRAMINEAE: AVENA SATIVA. SOIL, POT, GREENHOUSE BORON BORON UPTAKE.

VEGETATIVE GROWTH

1805. RYAN, J.; MIYAMOTO, S.; STROEHLEIN, J. L. SALT AND SPECIFIC ION EFFECTS ON GERMINATION OF FOUR GRASSES. J. RANGE MAN. 28: 61-64. 1975. PANIC GRASS, BLUE; LOVEGRASS, LEHMANN; LOVEGRASS, WILMAN; LOVEGRASS, WEEPING GRAMINEAE: PANICUM ANTIDOTALE, ERAGROSTIS LEHMANNIANA, ERAGROSTIS SUPERBA, ERAGROSTIS CURVULA. GERMINATION DISHES, WATER CULTURE SODIUM, CHLORIDE, CALCIUM, MAGNESIUM, SULFATE GERMINATION, SALT TOLERANCE
1806. RYZHEKKOVA, M. T. THE PROBLEM OF SALT TOLERANCE IN COTTON PLANT. PAKISTAN COTTON 7: 15-28. 1962. COTTON MALVACEAE: GOSSYPIUM BARBADENSE. FIELD, SOIL SODIUM, CALCIUM, MAGNESIUM, SULFATE, CHLORIDE, BICARBONATE, SALINE SOIL, GYPSUM VEGETATIVE GROWTH
1807. SAAKYAN, R. G.; PETROSYAN, G. P. ON THE INFLUENCE OF SOIL SALINIZATION ON THE CONTENT OF NUCLEIC ACID AND NITROGENOUS SUBSTANCES IN GRAPE LEAVES. SOVIET PLANT PHYSIOL. 11: 580-586. 1964. GRAPE VITACEAE, VITIS. FIELD PLOT, SOIL SALINE SOIL, ALKALINE SOIL RIBONUCLEIC ACID, PROTEIN METABOLISM, MINERAL COMPOSITION
1808. SADAYAPPAN, S.; SRINIVASAN, S. T. SALT TOLERANCE OF RICE. MADRAS AGRIC. J. 55: 337-344. 1968. RICE GRAMINEAE: ORYZA SATIVA. POT. SOIL SODIUM, CHLORIDE, VARIETY GRAIN YIELD, FLOWERING, VEGETATIVE GROWTH
1809. SAH, J. D. SALT TOLERANCE OF BACOPA MONNIERI (L.) PENN. TROP. ECOL. 9: 220-233. 1968. SCROPHULARIACEAE: BACOPA MONNIERI. POT. WATER CULTURE SEA WATER, SEED PRETREATMENT VEGETATIVE GROWTH, CHLORIDE UPTAKE
1810. SAHU, S. K.; ACHARYA, N.; MISRA, P. K. SALT TOLERANCE OF GREEN GRAM (PHASEOLUS AUREUS ROXB.). FARM J. (CALCUTTA) 15: 16-18. 1974. BEAN, MUNG LEGUMINOSAE: PHASEOLUS AUREUS. GERMINATION DISHES VARIETY, SODIUM, CHLORIDE, CALCIUM GERMINATION, VEGETATIVE GROWTH, ROOT GROWTH, SALT TOLERANCE
1811. SAIDOV, D. K.; BUTNIK, A. A. EFFECT OF SALTS ON GERMINATION, GROWTH AND FORMATION OF THE STRUCTURE OF SPROUTS OF SALSOLA ORIENTALIS S. G. GMEL. (RUS). IN WATER STRUKT FUNKTS OSOB POLEZN DIKORASTUSHCHIH RAST. UZB.: 32-44. 1970. CHENOPODIACEAE: SALSOLA ORIENTALIS. GERMINATION DISHES SALINE WATER, SULFATE, CHLORIDE GERMINATION, VEGETATIVE GROWTH, SEEDLING GROWTH, ROOT GROWTH, CYTOLOGY, ANATOMICAL RESPONSE
1812. SAINI, G. R. RELATIONSHIP BETWEEN SOIL OXYGEN DIFFUSION RATE AND YIELD OF OATS IN A COASTAL ALLUVIAL SOIL AT CRITICAL SALINITY LEVEL. AGRON. J. 65: 841-842. 1973. OATS GRAMINEAE: AVENA SATIVA. GREENHOUSE, POT. SOIL SALINE SOIL, SODIUM, CHLORIDE OXYGEN ROOT GROWTH
1813. SAINI, G. R. SEED GERMINATION AND SALT TOLERANCE OF CROPS IN COASTAL ALLUVIAL SOILS OF NEW BRUNSWICK CANADA. ECOLOGY 53: 524-525. 1972. OATS; DARLEY; CLOVER, RED; TIMOTHY GRAMINEAE: AVENA SATIVA, HORDEUM VULGARE, PHLEUM PRATENSE; LEGUMINOSAE: TRIFOLIUM PRATENSE. POT. SOIL SODIUM, CHLORIDE GERMINATION, VEGETATIVE GROWTH
1814. SAKAZAKI, N.; IHARA, Y.; TACHIBANA, Y.; NAGAI, S.; TAKADA, H. PHYSIOLOGY OF METASEQUOIA GLYPTOSTROBOIDES AND RELATED SPECIES OF CONIFERS. II. COMPARATIVE STUDIES OF SALT TOLERANCE. J. INST. POLYTECHNICS, USAKA CITY UNIV. D. BIOL. 5: 67-80. 1954. METASEQUOIA: CORN; TOMATO; BEET; SALTBUSH TAXODIACEAE: METASEQUOIA GLYPTOSTROBOIDES; GRAMINEAE: ZEA MAYS; SOLANACEAE: LYCOPERSICON ESCULENTUM; CHENOPODIACEAE: BETA VULGARIS, ATRIPLEX SUBCORDATA. POT. SAND, GREENHOUSE SODIUM, CHLORIDE, POTASSIUM WATER CONTENT, LEAF OSMOTIC VALUE, MINERAL COMPOSITION
1815. SAKHNOVA, V. I. SOME RESULTS OF A STUDY OF SALT TOLERANCE IN RICE IN THE SARPA PLAIN. (RUS). TR. NOVOCHERKAS. INZH. MELIOR. IN-TO: REFERATIVNYI ZHURNAL 12.55.541: NO. 13: 110-116. 1973. RICE GRAMINEAE: ORYZA SATIVA. VARIETY SALT TOLERANCE, GERMINATION
1816. SALINAS, F.; NAMKEN, L. N. SEEDBED SOIL SALINITY AND EMERGENCE OF PEPPERS AND CARROTS UNDER SPRINKLER AND FURROW IRRIGATION. J. RIO GRANDE VALLEY HORT. SOC. 27: 74-80. 1973. PEPPER, CARROT SOLANACEAE: CAPSICUM ANNUUM; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA. SOIL, FIELD PLOT IRRIGATION METHOD, SALINE SOIL EMERGENCE
1817. SAMISH, R. M.; MOSCICKI, Z. W. THE RESISTANCE OF GRAPE VINES TO SALINITY. VOLCANI INST. AGRIC. RES. DEPT. HORT.

(REPORT TO FORD FOUNDATION): 30 PP. 1966. GRAPE VITACEAE: VITIS VINIFERA, VITIS DOANIANA, VITIS CHAMPINI.
SAND. POT GRAFT. POTASSIUM, SODIUM, CHLORIDE, MAGNESIUM VEGETATIVE GROWTH, MINERAL COMPOSITION, TOXICITY

1818. SAMPSON, A. W. PLANT INDICATORS- CONCEPT AND STATUS. BOT. REV. 5: 155-206. 1939. CREOSOTE BUSH; SAGE, DESERT; MESQUITE; CHAMISO; SEA BLITE; SALTBUSH; ARROWWEED; PICKLEWEED; SALTGRASS; YUCCA; CACTUS; PALO VERDE, GIANT CACTUS; TUSsock GRASS; SAMPHIRE. BUSH; SAMPHIRE, DWARF; SALTWORT; GREASEWOOD; ALKALI HEATH; CRESSA, SNAPDRAGON; CRESS, ROCK; NAPA THISTLE; SOAP PLANT; RED-RIBBONS; NIEVITAS; CARROT, WILD; WHISPERING BELLS; SUNFLOWER, WOOLY; FILAREE, COARSE-LEAVED; FILAREE, RED-STEMMED; COTTONWEED; GILIA, BLUE; LOTUS, HAIRY; MALLOW; SANDPAPER PLANT; MINULUS, TOBACCO; PRIMROSE; PENSTEMON; BEE PLANT; PINK, CALIFORNIA INDIAN; GOLDENROD; CAMAS, DEATH MALVACEAE: MALVASTRUM FREMONTII; AGAVACEAE: YUCCA MOHAVENSIS; MORACEAE: COVILLEA CLUTINOSA; SCROPHULARIACEAE: ALTIRRHINUM CORNUTUM, MINULUS BOLANDER, PENSTEMON HETEROPHYLLUS, SCROPHULARIA CALIFORNICA; GERANIACEAE: ERODIUM BOTRYS, ERODIUM CICUTARIUM; CHENOPODIACEAE: ATRIPLEX POLYCARPA, ATRIPLEX CANESCENS, ATRIPLEX LENTIFORMIS, DONDIA INTERMEDIA, ALLENROLFEA OCCIDENTALIS, SARCOBATUS VERMICULATUS, SUAEDA TORREYANA, SARCICORNIA SUBTERMINALIS; LOASACEAE: MENTZELIA DISPERSA; LEGUMINOSAE: PROSOPIS GLANDULOSA, CERCIIDIUM TORREYANUM, LOTUS SUBPINNATUS; COMPOSITAE: PLUCHEA SERICEA, CIMULUS MELITENSIS, ERIOPHYLLUM LANATUM, FILAGO GALICA, SOLIDAGO CALIFORNICA; ONAGRACEAE: OENOTHERA NIGRANTHA, CLARKIA CONCINNA; GRAMINEAE: DISTICHLIS SPICATA, SPOROBOLUS AIROIDES; POLEMONIACEAE: GILIA CAPITATA, GILIA GILLIODES; CACTACEAE: FEROCACTUS ACANTHODES, OPUNTIA, CARNEGIA GIGANTEA, CONVULVULACEAE: CRESSA TRUXILLENSIS; FRANKENIACEAE: FRANKENIA GRANDIFOLIA CAMPESTRIS; CRUCIFERAE: ARABIS HOLLOELLII; LILIACEAE: ZYGADENUS FREMONTII, CHLOROGALUM; BORAGINACEAE: CRYPTANTHA TORREYANA; UMBELLIFERAE: DAUCUS CAROTA; HYDROPHYLLACEAE: EMMENANTHE PENDULIFLORA; CARYOPHYLLACEAE: SILENE CALIFORNICA.
1819. SAMUKAWA, K. EFFECT OF SALTS AT HIGH CONCENTRATIONS ON PLANT GROWTH. I. WATER CULTURE EXPERIMENTS BY YOUNG BARLEY PLANTS IN PLANT GROWTH CHAMBER. BULL. UNIV. OSAKA PREF. SER. B15: 47-56. 1964. BARLEY GRAMINEAE: HORDEUM VULGARE, GROWTH CHAMBER, WATER CULTURE, POT AMMONIUM, CHLORIDE VEGETATIVE GROWTH, NITROGEN UPTAKE, CHLORIDE UPTAKE
1820. SAMUKAWA, K. RAISING BARLEY PLANTS IN WATER CULTURES IN THE PRESENCE OF TWO OR THREE KINDS OF AMMONIUM SALTS AT A HIGH CONCENTRATION OF AMMONIUM CHLORIDE. SOVIET PLANT PHYSIOL 22: 111-115. 1975. BARLEY GRAMINEAE: HORDEUM VULGARE, GROWTH CHAMBER, WATER CULTURE AMMONIUM, CHLORIDE, SULFATE, PHOSPHATE MINERAL COMPOSITION, VEGETATIVE GROWTH
1821. SAMUKAWA, K.; HARADA, M. EFFECT OF HIGH SALT CONCENTRATIONS ON PLANT GROWTH. SOVIET PLANT PHYSIOL. 18: 1015-1019. 1971. BARLEY GRAMINEAE: HORDEUM VULGARE, WATER CULTURE AMMONIUM, PHOSPHATE, SODIUM CHLORIDE, CALCIUM, MAGNESIUM, POTASSIUM VEGETATIVE GROWTH, MINERAL COMPOSITION
1822. SANDHU, G. R.; MALIK, K. A. PLANT SUCCESSION - A KEY TO THE UTILIZATION OF SALINE SOIL. NUCLEUS 12: 35-38. 1975. KALLAR GRASS; DHAINCHA GRAMINEAE: DIPLACHNE FUSCA; LEGUMINOSAE: SESBANIA ACULEATA. FIELD, SOIL SALINE SOIL ECOLOGY, RECLAMATION
1823. SANDOVAL, F. M.; BENZ, L. C. SOIL SALINITY REDUCED BY SUMMER FALLOW AND CROP RESIDUES. SOIL SCI. 116: 100-105. 1973. BARLEY; WHEAT GRAMINEAE: HORDEUM VULGARE, TRITICUM AESTIVUM, FIELD PLOT, SOIL WATER TABLE, PLANTING METHOD, FALLOW RECLAMATION
1824. SANKHLA, N.; HUDER, W. ECO-PHYSIOLOGICAL STUDIES ON INDIAN ARID ZONE PLANTS. IV. EFFECT OF SALINITY AND GIBBERELIN ON THE ACTIVITIES OF PHOTOSYNTHETIC ENZYMES AND ¹⁴CO₂ FIXATION PRODUCTS IN LEAVES OF PENNISETUM TYPHOIDES SEEDLINGS. BIOCHEM. PHYSIOL. PFLANZ. (BPP) 166: 181-187. 1974. MILLET, PEARL GRAMINEAE: PENNISETUM TYPHOIDES, GERMINATION DISHES SODIUM, CHLORIDE, GIBBERELLIC ACID PHOTOSYNTHESIS, ORGANIC ACID, AMINO ACID, PHOSPHOGLYCERIC ACID, SUGAR, PHOSPHOENOLPYRUVATE CARBOXYLASE, RUDP CARBOXYLASE, NAD-MALATE DEHYDROGENASE, ASSIMILATION
1825. SANNA, A. EFFECT OF SALT IN SEA WATER ON PLANTS. (ITA). STAZIONE SPERIMENTALE AGRARIA (ITALY) 37: 137. 1904. NATIVE VEGETATION GRAMINEAE: LEPTURUS INCURVATUS, LEPTURUS FILIFORMIS, PSILURUS NARDOIDES, HORDEUM MURINUM, HORDEUM MARITIMUM, PHLEUM ARENARIUM, PHALARIS CANARIENSIS, AVENA FATUA, STIPA TORTILIS, CYNODON DACTYLON, POLYPOGON

MARITIMUS. AEGILOPS OVATUM. AGROSTIS. CALAMAGROSTIS. TRITICUM VILLOSUM; IRIDACEAE: THELYSIA ALATA; EUPHORBIACEAE: EUPHORBIA EXIGUA; CHENOPODIACEAE: SUAEDA FRUTICOSA, SUAEDA MARITIMA, SUAEDA SPLENDENS, ARTHROCNEMUM MACROSTACHYUM, HALOCNEMUM STROBILACEUM, SALICORNIA FRUTICOSA, SALICORNIA ERBACEA, ATRIPLEX ROSEA, ATRIPLEX PATULA, CHENOPODIUM OLIDUM, CHENOPODIUM ALBUM; PLANTAGINACEAE: PLANTAGO CORONOPUS. FIELD PLOT, SOIL SODIUM, CHLORIDE, LEACHING LEAF INJURY

1826. SARIN, M. N. EFFECT OF SODIUM SULFATE ON CATALASE ACTIVITY OF WHEAT (TRITICUM AESTIVUM L.) AND GRAM (CICER ARIETINUM L.) SEEDLINGS. SCI. CULT. 28: 182-183. 1962. WHEAT; PEA, CHICK GRAMINEAE: TRITICUM AESTIVUM; LEGUMINOSAE: CICER ARIETINUM. WATER CULTURE SODIUM, SULFATE CATALASE ACTIVITY, ENZYME ACTIVITY
1827. SARIN, M. N. EFFECT OF SODIUM SULFATE ON POLYPHENOLASE ACTIVITY OF WHEAT (TRITICUM AESTIVUM L.) AND GRAM (CICER ARIETINUM L.) SEEDLINGS. SCI. CULT. 27: 104-105. 1961. WHEAT; PEA, CHICK GRAMINEAE: TRITICUM AESTIVUM; LEGUMINOSAE: CICER ARIETINUM. WATER CULTURE SODIUM, SULFATE POLYPHENOLASE ACTIVITY, ENZYME ACTIVITY
1828. SARIN, M. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. XIII. INFLUENCE OF IAA ON THE DELETERIOUS EFFECT OF SODIUM SULFATE IN ROOT GROWTH IN WHEAT. PROC. NAT. ACAD. SCI. INDIA SECT. B31: 287-285. 1961. WHEAT GRAMINEAE: TRITICUM AESTIVUM. TEST TUBE SODIUM, SULFATE, INDOLEACETIC ACID, SEED PRETREATMENT ROOT GROWTH
1829. SARIN, M. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. XIV. FURTHER STUDIES ON THE EFFECT OF SODIUM SULFATE ON RESPIRATION OF WHEAT AND GRAM SEEDLINGS. INDIAN J. PLANT PHYSIOL. 4: 38-46. 1961. WHEAT; PEA, CHICK GRAMINEAE: TRITICUM AESTIVUM; LEGUMINOSAE: CICER ARIETINUM. GERMINATION DISHES SODIUM, SULFATE RESPIRATION
1830. SARIN, M. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. XVI. INFLUENCE OF SODIUM SULFATE ON CHEMICAL COMPOSITION OF WHEAT SEEDLINGS. PHYTON 17: 151-156. 1961. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GERMINATION DISHES SODIUM, SULFATE MINERAL COMPOSITION, SUGAR, NITROGEN UPTAKE
1831. SARIN, M. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE OF CROP PLANTS. V. USE OF IAA TO OVERCOME THE DEPRESSING EFFECT OF SODIUM SULFATE ON GROWTH AND MATURITY OF WHEAT. AGRA. UNIV. J. RES. 11: 187-196. 1962. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL SODIUM, SULFATE, INDOLEACETIC ACID, SEED PRETREATMENT VEGETATIVE GROWTH
1832. SARIN, M. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE OF CROP PLANTS. XII. INFLUENCE OF SODIUM SULFATE ON EARLY SEEDLING GROWTH OF WHEAT AND GRAM VARIETIES. AGRA. UNIV. J. RES. 10: 41-60. 1961. WHEAT; PEA, CHICK GRAMINEAE: TRITICUM AESTIVUM; LEGUMINOSAE: CICER ARIETINUM. TEST TUBE SODIUM, SULFATE, VARIETY SEEDLING GROWTH, ROOT GROWTH
1833. SARIN, M. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE OF CROP PLANTS. XV. INFLUENCE OF SODIUM SULFATE ON CHEMICAL COMPOSITION OF CICER ARIETINUM SEEDLINGS. LLOYDIA 23: 65-71. 1960. PEA, CHICK LEGUMINOSAE: CICER ARIETINUM. GERMINATION DISHES SODIUM, SULFATE MINERAL COMPOSITION SUGAR, NITROGEN UPTAKE
1834. SARIN, M. N.; NARAYANAN, A. EFFECTS OF SOIL SALINITY AND GROWTH REGULATORS ON GERMINATION AND SEEDLING METABOLISM OF WHEAT. PHYSIOL. PLANT. SUPPL. 21: 1201-1209. 1968. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL, POT, GERMINATION DISHES, WATER CULTURE VARIETY, GROWTH REGULATOR, GIBBERELIC ACID, (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE, SALINE SOIL, SODIUM, CHLORIDE, CALCIUM GERMINATION, ENZYME ACTIVITY, SEEDLING GROWTH, AMYLASE
1835. SARIN, M. N.; RAO, I. M. EFFECTS OF SODIUM SULFATE ON EARLY SEEDLING GROWTH OF GRAM AND WHEAT. AGRA. UNIV. J. RES. 5: 143-154. 1956. PEA, CHICK; WHEAT GRAMINEAE: TRITICUM AESTIVUM; LEGUMINOSAE: CICER ARIETINUM. TEST TUBE, WATER CULTURE SODIUM, SULFATE SEEDLING GROWTH, ROOT GROWTH, PLUMULE GROWTH
1836. SARIN, M. N.; RAO, I. M. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. III. INFLUENCE OF SODIUM SULFATE ON SEEDLING RESPIRATION IN WHEAT AND GRAM. INDIAN J. PLANT PHYSIOL. 1: 37-38. 1958. WHEAT; PEA, CHICK GRAMINEAE: TRITICUM AESTIVUM; LEGUMINOSAE: CICER ARIETINUM. GERMINATION DISHES SODIUM, SULFATE RESPIRATION, OXYGEN UPTAKE, WATER CONTENT

1837. SARIN, M. N.; RAO, I. M. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN CROP PLANTS. VIII. INFLUENCE OF IAA SPRAYING ON THE DELETERIOUS EFFECT OF SODIUM SULFATE ON GROWTH AND MATURITY OF WHEAT. AGRA. UNIV. J. RES. 10: 7-16. 1961. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL. COMPOST SODIUM. SULFATE. INDOLEACETIC ACID VEGETATIVE GROWTH
1838. SARIN, M. N.; UPRETY, D. C. INTERACTIVE EFFECTS OF PHOSPHON-D, B-NINE, GIBBERELIC ACID, AND SALINITY ON VIGNA UNGICULATA (L.) WALP. GROWTH AND DEVELOPMENT OF PLANTS SEMINAR. PUNJAB UNIV., CHANDIGARH: 1-26. 1965. COWPEA LEGUMINOSAE: VIGNA UNGICULATA. POT. SOIL PHOSFON. B-NINE, GIBBERELIC ACID, SALINE SOIL VEGETATIVE GROWTH, FLOWERING
1839. SASTRY, K. S. K.; RAO, S. R.; APPAIAH, K. M. EFFECT OF PRETREATMENT OF SEEDS OF ELEUSINE CORACANA ON TOLERANCE TO HIGH CONCENTRATIONS OF SODIUM CHLORIDE AND MANNITOL SOLUTIONS. MYSORE J. AGRIC. SCI. 3: 47-54. 1969. MILLET, AFRICAN GRAMINEAE: ELEUSINE CORACANA. GERMINATION DISHES SODIUM. CHLORIDE, MANNITOL, KINETIN, BENZYLADENINE, SEED PRETREATMENT SALT TOLERANCE, GERMINATION
1840. SATYANARAYANA, K.; RAO, C. C. PHYSIOLOGICAL BASIS OF ALKALI TOLERANCE. I. ABSORPTION OF NA, K, AND CA. SCI. CULT. 29: 410-411. 1963. GRASS: BERMUDA GRASS GRAMINEAE: ERAGROSTIS TENELLA, CYNODON DACTYLON. FIELD, SOIL ALKALINE SOIL SODIUM UPTAKE, POTASSIUM UPTAKE, CALCIUM UPTAKE
1841. SAUER, G. UBER SCHADEN AN DER BEPFLANZUNG DER BUNDESFERNSTRASSEN DURCH AUFTAUSALZE. DAMAGE BY DE-ICING SALT TO PLANTINGS ALONG THE FEDERAL HIGHWAYS. NACHRICHTENBLATT DER DEUTSCHEN PFLANZENSCHUTZDIENSTEG, BRAUNSCHWEIG 19: 81-87. 1967. NEWS JOURNAL, GERMAN PLANT PROTECTIVE SERVICE, TRANSLATED BY O. A. STRASSENMEYER. TREE: MAPLE, SYCAMORE; MAPLE, HEDGE, PEA-TREE; HORNBEAM, EUROPEAN; OLEASTER; DOGWOOD, BLOODTWIG; ASH, EUROPEAN; FILBERT, EUROPEAN; BUCKTHORN, SEA; HAWTHORN, ENGLISH; HONEYSUCKLE, EUROPEAN FLY; HAWTHORN; CURRANT, ALPINE; BEECH, EUROPEAN; ROSE; ROSE, DOG; SNOWBERRY; PRIVET; ELM, SCOTCH; ELM, SMOOTH-LEAF; CHERRY, WILD BLACK; WILLOW, GOAT; SUMAC; ALDER; ELDER, EUROPEAN RED ACERACEAE: ACER PSEUDOPLATANUS, ACER CAMPESTRE; LEGUMINOSAE: CARAGANA ARBORESCENS; CORYLACEAE: CARPINUS BETULUS, CORYLUS AVELLANA, ALNUS GLUTINOSA; CAPRIFOLIACEAE: SAMBUCUS RACEMOSA, SYMPHORICARPOS ALBUS VAR LAEVIGATUS, LONICERA XYLOSTEUM; ELAEAGNACEAE: ELAEAGNUS ANGUSTIFOLIA, HIPPOPHAE RHAMNOIDES; CORNACEAE: CORNUS SANGUINEA; OLEACEAE: FRAXINUS EXCELSIOR, LIGUSTRUM VULGARE; ROSACEAE: CRATAEGUS OXYACANTHA, CRATAEGUS MONOGYNA, ROSA RUGOSA, ROSA CANINA, PRUNUS SEROTINA; SAXIFRAGACEAE: RIBES ALPINUM; FAGACEAE: FAGUS SYLVATICA; ULMACEAE: ULMUS GLABRA, ULMUS CARPINIFOLIA; SALICACEAE: SALIX CAPREA; ANACARDIACEAE: RUBUS FRUCTICOSUS. FIELD, SOIL DEICING SALT, SODIUM, CHLORIDE SALT TOLERANCE
1842. SAUER, G. WINTERSCHADEN AN DEN PFLANZUNGEN DER BUNDESAUTOBAHNEN. WINTER DAMAGE ON PLANTS ALONG THE FREEWAY. (GER). STRASSE UND AUTOBAHN. 15: 39-45. 1964. OAK; ALDER, BLACK, BOX THORN; LIRCH; ASH, EUROPEAN MOUNTAIN; HORNBEAM, EUROPEAN; ELDER, AMERICAN; CHERRY, CORNELIAN; HAWTHORN; APPLE; MAPLE, HEDGE; ASH, EUROPEAN; BUCKTHORN, ALDER; PRIVET; BEECH; VIBURNUM; EUONYMUS; BUCKTHORN, SEA; CHERRY, EUROPEAN BIRD; CHERRY, SWEET; MAPLE, NORWAY; ELM; ROSE, WILD; LINDEN, SMALL-LEAVED EUROPEAN; CURRANT, ALPINE; ASPEN, EUROPEAN; HONEYSUCKLE, EUROPEAN FLY ROSACEAE: CORBUS AUCUPARIA, CRATAEGUS, MALUS, PRUNUS PADUS, PRUNUS AVIUM, ROSA; CORYLACEAE: ALNUS GLUTINOSA, BETULA, CARPINUS BETULUS; SOLANACEAE: LYCIUM BARBARUM; CAPRIFOLIACEAE: SAMBUCUS CANADENSIS, VIBURNUM, LONICERA XYLOSTEUM; CORNACEAE: CORNUS MAS; ACERACEAE: ACER CAMPESTRE, ACER PLATANOIDES; OLEACEAE: FRAXINUS EXCELSIOR, LIGUSTRUM; RHAMNACEAE: RHAMNUS FRANGULA; FAGACEAE: FAGUS, QUERCUS; CELASTRACEAE: EUONYMUS; ELAEAGNACEAE: HIPPOPHAE RHAMNOIDES; ULMACEAE: ULMUS; TILIACEAE: TILIA CORDATA; SAXIFRAGACEAE: RIBES ALPINUM; SALICACEAE: POPULUS TREMULA. FIELD, SOIL DEICING SALT LEAF INJURY, SALT TOLERANCE, TOXICITY
1843. SAUER, M. R. BORON CONTENT OF SULTANA VINES IN THE MILDURA AREA. AUST. J. AGRIC. RES. 9: 123-128. 1958. GRAPE VITACEAE: VITIS. SOIL, FIELD SALINE SOIL BORON UPTAKE, TOXICITY
1844. SAUER, M. R. EFFECTS OF VINE ROOTSTOCKS ON CHLORIDE CONCENTRATION IN SULTANA SCION. VITIS 7: 223-226. 1968. GRAPE, SULTANA VITACEAE: VITIS VINIFERA. FIELD PLOT, SOIL ROOTSTOCK, VARIETY CHLORIDE UPTAKE, SALT TOLERANCE
1845. SCHARRER, K.; SCHROPP, W. UNTERSUCHUNGEN UBER DIE WIRKUNG VON CHLOR UND BROM AUF DIE KEIMUNG UND DIE ERSTE JUGENDENTWICKLUNG EINIGER KULTURPFLANZEN. EXPERIMENTS ON THE EFFECT OF CHLORIDE AND BROMIDE ON THE GERMINATION AND SEEDLING GROWTH OF SOME CULTURAL CROPS. (GER). Z. PFLANZENERN. DUNGUNG U. BODENK 46: 88-97. 1949. WHEAT; RYE;

- BARLEY; OATS GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE, SECALE CEREALE, AVENA SATIVA. POT. SOIL SODIUM, CHLORIDE, CALCIUM, PERCHLORATE, CHLORATE GERMINATION, SEEDLING GROWTH
1846. SCHEKEL, K. A. EFFECTS OF INCREASED SOLUBLE SALT CONCENTRATIONS ON CARNATION GROWTH. COLO. FLOWER GROWERS ASSN. BULL. 251: 5 PP. 1971. CARNATION CARYOPHYLLACEAE: DIANTHUS CARYOPHYLLUS. GREENHOUSE, POT. GRAVEL SALINE WATER, SODIUM, CALCIUM, POTASSIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, SODIUM UPTAKE, SULFATE UPTAKE
1847. SCHEKEL, K. A. THE INFLUENCE OF INCREASED IONIC CONCENTRATIONS ON CARNATION GROWTH. J. AM. SOC. HORT. SCI. 96: 649-652. 1971. CARNATION CARYOPHYLLACEAE: DIANTHUS CARYOPHYLLUS. POT. GRAVEL CALCIUM, SODIUM, CHLORIDE, SULFATE, BICARBONATE, AMMONIUM VEGETATIVE GROWTH
1848. SCHEKEL, K. A.; HANAN, J. J. NITROGEN SOURCES FOR CARNATIONS AND GENERAL LIMITS ON SALINE WATERS. COLO. FLOWER GROWERS ASSN. BULL. 253: 4 PP. 1971. CARNATION CARYOPHYLLACEAE: DIANTHUS CARYOPHYLLUS GREENHOUSE, POT. GRAVEL AMMONIUM, NITRATE, BICARBONATE, CARBONATE, CALCIUM, CHLORIDE, SODIUM VEGETATIVE GROWTH, FLOWERING
1849. SCHENK, P. J. SCHADE DER BEBESTINGS-EN ANDERE ZOUTEN. INJURIES FROM FERTILIZERS AND OTHER SALTS. (DUT). GROENTEN EN FRUIT 6: 303. 1950. BLACKBERRY ROSACEAE: PRUNUS AVIUM. SOIL, FIELD SALT SPRAY, SEA WATER LEAF INJURY
1850. SCHINDLER, E. ZUR STEIGERUNG DER SALZTOLERANZ VON NUTZPFLANZEN DURCH CHLORCHOLINCHLORID (CCC). INCREASING THE SALT TOLERANCE OF BENEFICIAL PLANTS BY TREATMENT WITH (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE. (GER; ENG SUM). LANDWIRTSCH FORSCH 27: 349-357. 1974. BEAN; TOMATO LEGUMINOSAE: PHASEOLUS VULGARIS; SOLANACEAE: LYCOPERSICON ESCULENTUM. POT. SOIL GROWTH REGULATOR, (2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORIDE CHLORIDE UPTAKE, SALT TOLERANCE
1851. SCHLEIFF, U. ZUR BEDEUTUNG DER KALIUM DUNGUNG FUR SALZEMPFINDLICHE KULTURPFLANZEN BEI BEWASSERUNG MIT VERSALZTEM WASSER. IMPORTANCE OF APPLICATION OF POTASSIUM FERTILIZERS FOR SALT SENSITIVE CULTIVATED PLANTS IRRIGATED WITH SALINE WATER. (GER; ENG SUM). Z. BEWASSERUNGSWIRTSCH 10: 175-186. 1975. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GREENHOUSE, SOIL SODIUM, CHLORIDE, POTASSIUM, FERTILIZER WATER UPTAKE
1852. SCHLEIFF, U.; FINCK, A. UNTERSUCHUNGEN ZUR BEDEUTUNG DES ERNAHRUNGSZUSTANDES VON KULTURPFLANZEN FUR IHRE SALZTOLERANZ. INVESTIGATIONS ON THE SIGNIFICANCE OF THE NUTRITIONAL STATUS OF PLANTS FOR THEIR SALT TOLERANCE. (GER; ENG SUM). Z. PFLANZ. BODENK 3: 281-292. 1976. WHEAT; CORN GRAMINEAE: ZEA MAYS, TRITICUM AESTIVUM FIELD, SOIL, GREENHOUSE FERTILITY, MAGNESIUM, CHLORIDE, SULFATE, POTASSIUM, SODIUM VEGETATIVE GROWTH, MINERAL COMPOSITION
1853. SCHREIBER, H. A.; DAVIS, L. E.; OVERSTREET, R. INFLUENCE OF CERTAIN ABSORBED CATIONS ON RADISH SEEDLING DEVELOPMENT. SOIL SCI. 83: 91-99. 1957. RADISH CRUCIFERAE: RAPHANUS SATIVUS. GROWTH CHAMBER, SOIL, SAND CALCIUM, SODIUM, MAGNESIUM SEEDLING GROWTH
1854. SCHREINER, O.; BROWN, B. E.; SKINNER, J. J.; SHAPOVALOV, M. CROP INJURY BY BORAX IN FERTILIZERS. USDA DEPT. CIR. 84: 35 PP. 1920. POTATO; COTTON; WHEAT GRAMINEAE: TRITICUM AESTIVUM; MALVACEAE: GOSSYPIUM; SOLANACEAE: SOLANUM TUBEROSUM. FIELD, SOIL, GREENHOUSE, POT BORON, FERTILIZER TOXICITY, VEGETATIVE GROWTH
1855. SCHUMAN, G. E. BORON TOLERANCE OF TALL WHEAT GRASS. AGRON. J. 61: 445-447. 1969. WHEATGRASS, TALL GRAMINEAE: AGROPYRON ELONGATUM. WATER CULTURE, SOIL VARIETY, BORON BORON TOXICITY, BORON TOLERANCE
1856. SCHUPHAN-BERLIN, W. EIN BEITRAG ZUR FRAGE DER WIRKUNG DER CL-UND SO4-IONEN AUF DIE BESCHAFFENHEIT VERSCHIEDENER GEMUSE. A CONTRIBUTION TO THE QUESTION OF THE EFFECT OF CHLORIDE AND SULFATE IONS UPON VEGETABLES. (GER). FORSCHUNGSDIENST SONDERHEFT 7: 175-183. 1937. RADISH; SPINACH; CELERY; RADISH, BLACK CRUCIFERAE: RAPHANUS SATIVUS; CHENOPODIACEAE: SPINACIA OLERACEA; UMBELLIFERAE: APIUM GRAVEOLINS. POTASSIUM, SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, ROOT GROWTH
1857. SCHWARZ, M. THE USE OF BRACKISH WATER IN HYDROPONIC SYSTEMS PLANT SOIL. 19: 166-172. 1963. LETTUCE; CARNATION; TOMATO; CUCUMBER COMPOSITAE: LACTUCA SATIVA; CUCURBITACEAE: CUCUMIS SATIVUS; SOLANACEAE: LYCOPERSICON ESCULENTUM;

- CARYOPHYLLACEAE: DIANTHUS. WATER CULTURE BRACKISH WATER. CHLORIDE. SULFATE. SODIUM. CALCIUM. MAGNESIUM. OSMOTIC PRESSURE VEGETATIVE GROWTH
1858. SCHWENDIMAN, J. L. TALL WHEATGRASS GAINS STATURE. CROPS SOILS 12: 12-13. 1960. WHEATGRASS. TALL GRAMINEAE: AGROPYRON ELONGATUM.
1859. SCOFIELD, C. S.; WILCOX, L. V. BORON IN IRRIGATION WATER. USDA TECH. BULL. 264: 1-65. 1941. LEMON; ORANGE; GRAPEFRUIT; WALNUT. ENGLISH RUTACEAE: CITRUS LIMON. CITRUS SINENSIS. CITRUS PARADISI; JUGLANDACEAE: JUGLANS REGIA. BORON LEAF INJURY. BORON TOLERANCE
1860. SCOFIELD, C. S.; WILCOX, L. V.; BLAIR, G. Y. BORON ABSORPTION BY SUNFLOWER SEEDLINGS. J. AGRIC. RES. 61: 41-56. 1940. SUNFLOWER COMPOSITAE: HELIANTHUS ANNUUS. WATER CULTURE. POT. SAND VARIETY. CALCIUM. NITRATE. POTASSIUM. MAGNESIUM. SULFATE. SODIUM. CHLORIDE. BORON BORON UPTAKE. SEEDLING GROWTH
1861. SCOTT, E. G. EFFECT OF SUPRA-OPTIMAL BORON LEVELS ON RESPIRATION AND CARBOHYDRATE METABOLISM OF HELIANTHUS ANNUUS. PLANT PHYSIOL. 35: 653-661. 1960. SUNFLOWER COMPOSITAE: HELIANTHUS ANNUUS. POT. WATER CULTURE BORON RESPIRATION. CARBOHYDRATE METABOLISM
1862. SEATZ, L. F.; STERGES, A. I.; KRAMER, T. C. ANION EFFECTS ON PLANT GROWTH AND ANION COMPOSITION. PROC. SOIL SCI. SOC. AMER. 22: 149-152. 1958. CORN; TOMATO GRAMINEAE: ZEA MAYS; SOLANACEAE: LYCOPERSICON ESCULENTUM. GREENHOUSE. SOIL. POT CHLORIDE. SULFATE. CARBONATE MINERAL COMPOSITION
1863. SEELEY, J. G. LEAF BURN OF LILIES AS AFFECTED BY FERTILIZER. PA. FLOWER GROWERS BULL. 29: 1-7. 1953. LILY LILIACEAE: LILIUM. POT. SOIL FERTILIZER. BORON. MAGNESIUM LEAF INJURY. VEGETATIVE GROWTH
1864. SEIFERT, W. J.; HILER, E. A.; HOWELL, T. A. TRICKLE IRRIGATION WITH WATER OF DIFFERENT SALINITY LEVELS. AMER. SOC. AGRIC. ENGIN. TRANS. 18: 89-94. 1975. SORGHUM GRAMINEAE: SORGHUM VULGARE. LYSIMETER. SOIL IRRIGATION METHOD. BRACKISH WATER VEGETATIVE GROWTH
1865. SELAVRI, A. K.; RANTSAN, V. A. SALT TOLERANCE OF SPROUTS OF CEREALS. (RUS). TR. KOMISSII PO IRRIGATSII. RAPOTY PO FIZIOLOGII RASTENII I MIKROBIOLOGII. IZD. AN SSSR. 8: 231-255. 1966. WHEAT; RYE GRAMINEAE: TRITICUM AESTIVUM. SECALE CEREALE. WATER CULTURE SODIUM. CHLORIDE. SULFATE SEEDLING GROWTH. VEGETATIVE GROWTH
1866. SEMERGEI, K. I. EFFECT OF EXCHANGEABLE SODIUM IN THE SOIL ON THE COTTON PLANT DURING A VARIED SYSTEM OF NUTRITION. (RUS). AKAD. NAUK SSSR DOK.: 867-870. 1951. COTTON MALVACEAE: GOSYPIUM. POT. SOIL EXCHANGEABLE SODIUM PERCENTAGE. SOLONETZ. SODIUM. CHLORIDE. NITROGEN. PHOSPHORUS. POTASSIUM. FERTILITY VEGETATIVE GROWTH
1867. SEMUSHINA, L. A. SALINIZATION EFFECT ON THE PRODUCTIVITY AND WATER REGIME OF PLANTS OF VARIOUS SALT TOLERANCE. (RUS; ENG SUM). TR. PRIKLADNOI BOT. GENET. SELEK. 43: 180-190. 1970. BARLEY; CORN GRAMINEAE: HORDEUM VULGARE. ZEA MAYS. POT. SOIL. SAND SODIUM. CHLORIDE. SULFATE VEGETATIVE GROWTH. SODIUM UPTAKE. POTASSIUM UPTAKE. STRAW YIELD. WATER POTENTIAL
1868. SEMUSHINA, L. A.; BUKHTEEVA, A. V.; MOROZOVA, A. G. EVALUATION OF SALT TOLERANCE OF WILD WHEATGRASSES OF CENTRAL KAZAKHSTAN. (RUS). BIULL. VSES. ORD. LENINA INST. RASTENIEVOD IM N. I. VAVILOVA 42: 25-28. 1974. WHEATGRASS GRAMINEAE: AGROPYRON. SALT TOLERANCE
1869. SEN-GUPTA, J. UBER DIE OSMOTISCHEN WERTE UND DEN CHLORIDANTEIL IN PFLANZEN EINIGER SALZGEBIETE BENGALS (INDIEN). OSMOTIC VALUES AND THE CHLORIDE CONTENT OF PLANTS IN SALT REGIONS OF BENGAL (INDIA). (GER). BER. DEUT. BOT. GESELL 56: 474-485. 1938. NATIVE VEGETATION: MANGROVE AVICENNIACEAE: AVICENNIA ALBA. AVICENNIA OFFICINALIS; MYRSINACEAE: AEGICERAS MAJUS; ACANTHACEAE: ACANTHUS ILICIFOLIUS; MELIACEAE: AMOORA CUCULLATA. CARAPA MOLUCCENSIS. CARAPA OBOVATA; AEGIALITIDACEAE: AEGIALITIS ROTUNDIFOLIA; RHIZOPHORACEAE: BRUGUIERA GYMNOERHIZA. CERIOPS ROXBURGHIANA. KANDELIA RHEEDEI. RHIZOPHORA CONJUGATA. RHIZOPHORA MUCRONATA; AIZOACEAE: SESUVIUM PORTULACASTRUM; CHENOPODIACEAE: SUAEDE MARITIMA; SONNERATIACEAE: SONNERATIA ACIDA. SONNERATIA APETALA; EUPHORBIACEAE: EXCOECARIA



AGALLOCHA; PERIPLOCACEAE; FINLAYSONIA OBOVATA; BORAGINACEAE; HELIOTROPILUM CURASSAVICUM; COMBRETACEAE; LUMNITZERA
RACEMOSA; MALVACEAE; MALACHRA CAPITATA; LEGUMINOSAE; PARKINSONIA ACULEATA; PALMAE; PHOENIX PALUDOSA; TAMARICACEAE;
TAMARIX GALLICA. ECOLOGY. CHLORIDE UPTAKE

1870. SENECA, E. D. GERMINATION AND SEEDLING RESPONSE OF ATLANTIC AND GULF COASTS POPULATIONS OF UNIOLA PANICULATA. AM. J. BOT. 59: 290-296. 1972. SEA OATS GRAMINEAE: UNIOLA PANICULATA. GERMINATION DISHES. POT. SAND TEMPERATURE. LIGHT. SALT SPRAY GERMINATION. SEEDLING GROWTH
1871. SENECA, E. D. GERMINATION RESPONSE TO TEMPERATURE AND SALINITY OF FOUR DUNE GRASSES FROM THE OUTER BANKS OF NORTH CAROLINA. ECOLOGY 50: 45-53. 1969. DUNE GRASS GRAMINEAE: AMMOPHILA BREVILIGULATA, PANICUM AMARULUM, SPARTINA PATENS, UNIOLA PANICULATA. GERMINATION DISHES TEMPERATURE. SODIUM, CHLORIDE GERMINATION. SALT TOLERANCE
1872. SENECA, E. D. SEEDLING RESPONSE TO SALINITY IN FOUR DUNE GRASSES FROM THE OUTER BANKS OF NORTH CAROLINA. ECOLOGY 53: 465-471. 1972. DUNE GRASS GRAMINEAE: AMMOPHILA BREVILIGULATA, PANICUM AMARULUM, SPARTINA PATENS, UNIOLA PANICULATA. GREENHOUSE. SAND. POT SODIUM, CHLORIDE SALT TOLERANCE. VEGETATIVE GROWTH
1873. SENECA, E. D.; COOPER, A. W. GERMINATION AND SEEDLING RESPONSE TO TEMPERATURE, DAYLENGTH AND SALINITY BY AMMOPHILA BREVILIGULATA FROM MICHIGAN AND NORTH CAROLINA. BOT. GAZ. 132: 203-215. 1971. DUNE GRASS GRAMINEAE: AMMOPHILA BREVILIGULATA. GERMINATION DISHES TEMPERATURE. LIGHT. SODIUM, CHLORIDE GERMINATION
1874. SEPASKHAH, A. R. EFFECTS OF SOIL SALINITY LEVELS AND PLANT WATER STRESS AT VARIOUS SOYBEAN GROWTH STAGES. CAN. J. PLANT SCI. 57: 925-927. 1977. SOYBEAN LEGUMINOSAE: GLYCINE MAX. SOIL. POT. GREENHOUSE SODIUM, CHLORIDE. GROWTH STAGE. WATER STRESS VEGETATIVE GROWTH. ROOT GROWTH. SEED YIELD. SEED WEIGHT
1875. SERGEEV, L. I. SALT RESISTANCE OF WHEATS IN DEPENDENCE ON VARIETY. (RUS; ENG SUM). COMPL. PEND. ACAD. SCI. USSR 1: 563-570. 1935. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE SODIUM, CHLORIDE, SULFATE. VARIETY SALT TOLERANCE. VEGETATIVE GROWTH. AMYLASE. GERMINATION
1876. SERGEEV, L. I. TOLEPANCE OF WHEAT TO SOIL SALINIZATION. (RUS). TR. KOMISSII PO IRRIGATSII. RABOTY PO FIZIOLOGII RASTENII I MIKROBIOLOGII. IZD. AN SSSR 8: 213-229. 1936. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL TEMPERATURE. SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH. GERMINATION
1877. SERGEEV, L. I.; LEBEDEV, A. M. THEORY OF PHYSIOLOGICAL TOLERANCE OF CULTIVATED GRASSES. (RUS). BOTANICHESKII ZHURNAL 21: 131-152. 1936. RYE, WINTER; WHEAT GRAMINEAE: TRITICUM AESTIVUM, SECALE CEREALE. SODIUM, CHLORIDE, SULFATE, CARBONATE. VARIETY. TEMPERATURE SALT TOLERANCE
1878. SERGEEVA, K. A. SALT TOLERANCE OF MUSCATEL SAGE IN THE EARLY PHASES OF ITS DEVELOPMENT. (RUS). MOSCOW. GLAV. BOT. SAD. B. 11: 70-73. 1952. SAGE LABIATAE: SALVIA. GERMINATION DISHES SALINE SOIL. SODIUM, CHLORIDE, SULFATE GERMINATION
1879. SEROV, V. M. DROUGHT AND SALT RESISTANCE OF PEA AND VETCH. (RUS; ENG SUM). TRUDY PO PRIKLANOI BOTANIKE GENETIKE I SELEKTSII 53: 122-131. 1974. PEA; VETCH LEGUMINOSAE: Vicia SATIVA, PISUM SATIVUM. GREENHOUSE. GERMINATION DISHES. SOIL CHLORIDE, SULFATE. VARIETY GERMINATION. VEGETATIVE GROWTH. ROOT GROWTH. SEED YIELD
1880. SHABASSY, A. I.; MITKEES, A. I.; ABOU HUSSEIN, M. A.; MAKLAD, F.; MOWELHI, N. M. EFFECT OF SALINE IRRIGATION WATER ON GROWTH AND PHOSPHORUS UPTAKE BY SOYBEAN PLANTS. AGRIC. RES. REV. 50: 1-9. 1972. SOYBEAN LEGUMINOSAE: GLYCINE MAX. POT. GREENHOUSE SOIL TYPE. CALCIUM, SODIUM, CHLORIDE PHOSPHORUS UPTAKE. VEGETATIVE GROWTH
1881. SHABASSY, A. I.; MITKEES, A. I.; MOUSTAFA, A. T. A.; MARSHALI, A. M. THE TOLERANCE OF CORN TO SALINE CONDITIONS. 1. EFFECT OF NaCl AND CaCl₂. AGRIC. RES. REV. 48: 58-72. 1970. CORN GRAMINEAE: ZEA MAYS. SAND. GERMINATION DISHES. SOIL. GREENHOUSE. POT SODIUM, CHLORIDE, CALCIUM GERMINATION. SEEDLING GROWTH. VEGETATIVE GROWTH
1882. SHAH, B. H. EFFECT OF SODIUM AND POTASSIUM CHLORIDE ON THE GROWTH OF EARLY SEEDLINGS OF SOME VARIETIES OF WHEAT FROM



- PAKISTAN IN NUTRIENT SOLUTION. AGRIC. PAK. 17: 129-138. 1966. WHEAT GRAMINEAE: TRITICUM AESTIVUM WATER CULTURE. TEST TUBE VARIETY. SODIUM, POTASSIUM, CHLORIDE SEEDLING GROWTH. SALT TOLERANCE. TRANSPIRATION
1883. SHAH, B. H. EFFECT OF SODIUM CHLORIDE AND POTASSIUM CHLORIDE ON GROWTH, SUCCULENCE AND SALT CONTENTS OF *SUAEDA FRUTICOSA*. FORSK. SCI. IND. (KARACHI) 5: 379-390. 1967. CHENOPODIACEAE: *SUAEDA FRUTICOSA*. WATER CULTURE SODIUM, POTASSIUM, CHLORIDE SODIUM UPTAKE, CHLORIDE UPTAKE, VEGETATIVE GROWTH, SUCCULENCE
1884. SHAH, J. D. GROWTH BEHAVIOUR OF *BACOPA MONNIERI* (L.) PENN. IN RELATION TO SALINITY. INDIAN BOT. SOC. J. 47: 395-399. 1968. SCROPHULARIACEAE: *BACOPA MONNIERI*. WATER CULTURE, SOIL, GREENHOUSE SEA WATER, OSMOTIC PRESSURE VEGETATIVE GROWTH
1885. SHAKED, D.; BANIN, A. IONIC ACTIVITY AND ION UPTAKE BY PLANTS GROWN IN SALINE ENVIRONMENTS. IN A. HADAS, D. SWARTZENCRUBER, P. E. RIJTEMA, F. FUCHS AND B. YARON (EDS.) PHYSICAL ASPECTS OF SOIL WATER AND SALTS IN ECOSYSTEMS. SPRINGER-VERLAG, GERMANY: 368-378. 1973. TOMATO SOLANACEAE: *LYCOPERSICON ESCULENTUM*. WATER CULTURE, POT CALCIUM, CHLORIDE, SODIUM VEGETATIVE GROWTH, MINERAL COMPOSITION, NITRATE UPTAKE
1886. SHAKHOV, A. A. ON DROUGHT AND SALT RESISTANCE OF TREE SPECIES OF NORTH-WESTERN KAZAKHSTAN. (RUS). ZHUR. OBSHEH. BIOL. 12: B4-95. 1951. BIRCH, EUROPEAN WHITE; BIRCH; HAWTHORN; WILLOW; OLEASTER; ASPEN, EUROPEAN; PINE, SCOTS; PINE; TAMARISK; SAVIN CORYLACEAE: *BETULA VERRUCOSA*, *BETULA KIRGHISORUM*; ROSACEAE: *CRATAEGUS SANGUINEA*, *ROSA GLABRIFOLIA*; SALICACEAE: *SALIX CINEREA*, *POPULUS TREMULA*; PINACEAE: *PINUS SYLVESTRIS*, *PINUS ELDARICA*; TAMARICACEAE: *TAMARIX KARELINI*, *TAMARIX GRACILIS*; CUPRESSACEAE: *JUNIPERUS SABINA*; ELAAGNACEAE: *ELAAGNUS ANGUSTIFOLIA*. FIELD, SOIL CHLORIDE, BICARBONATE, SULFATE, SALINE SOIL ECOLOGY, SALT TOLERANCE, TRANSPIRATION
1887. SHAKHOV, A. A. ON THE ECOLOGICO-PHYSIOLOGICAL DIRECTED CHANGE IN PLANTS. (RUS) ACAD. SCI. USSR 2. 164-174. 1959.
1888. SHAKHOV, A. A. SALT TOLERANCE OF PLANTS. (RUS; ENG SUM). IZDATEL'STVO AKADEMIY NAUK, USSR, MOSCOW. 551 P. 1956. SALT TOLERANCE
1889. SHALABY, A. F.; EL-MONAYERI, M. O.; ETMAN, M. A.; EL-HABIBI, A. M.; YOUSSEF, M. M. GERMINATION OF SOME DESERT MEDICINAL PLANTS UNDER DIFFERENT CONDITIONS. DESERT INST. BULL. A. R. E. 22: 433-444. 1974. BEAN, CASTOR; BETONY; WOUNDWORT CLEOMACEAE: *CLEOME ARAVICA*; LEGUMINOSAE: *RETAMA DURIAEI*; LABIATAE: *STACHYS AEGYPTIACA*; EUPHORBIACEAE: *RICINUS COMMUNIS*. GERMINATION DISHES TEMPERATURE, WATER STRESS, SODIUM, CHLORIDE, PLANTING METHOD GERMINATION
1890. SHALHEVET, J. THE DEVELOPMENT OF SALINITY PROFILES FOLLOWING IRRIGATION OF FIELD CROPS WITH SALINE WATER. ISRAEL J. AGRIC. RES. 14: 187-196. 1964. BARLEY; COTTON; BEET, SUGAR GRAMINEAE: *HORDEUM VULGARE*; CHENOPODIACEAE: *BETA VULGARIS*; MALVACEAE: *GOSSYPIMUM*. FIELD, SOIL LEACHING, SALINE WATER SALINITY PROFILE
1891. SHALHEVET, J. IRRIGATION WITH SALINE WATER. IN ECOLOGICAL STUDIES, ANALYSIS AND SYNTHESIS, YARON, B. (ED.). SPRINGER-VERLAG, BERLIN. 5: 263-278. 1973. IRRIGATION METHOD, DRAINAGE, SOIL RECLAMATION, SOIL MANAGEMENT
1892. SHALHEVET, J.; BERNSTEIN, L. EFFECTS OF VERTICALLY HETEROGENEOUS SOIL SALINITY ON PLANT GROWTH AND WATER UPTAKE. SOIL SCI. 106: 85-93. 1968. ALFALFA LEGUMINOSAE: *MEDICAGO SATIVA*. POT, SOIL SODIUM, CHLORIDE, CALCIUM ROOT GROWTH, RESPIRATION, OSMOTIC POTENTIAL, CHLORIDE UPTAKE, SODIUM UPTAKE
1893. SHALHEVET, J.; MAAS, E. V.; HOFFMAN, G. J.; OGATA, G. SALINITY AND THE HYDRAULIC CONDUCTANCE OF ROOTS. PHYSIOL. PLANT. 38: 224-232. 1976. TOMATO; SUNFLOWER SOLANACEAE: *LYCOPERSICON ESCULENTUM*; COMPOSITAE: *HELIANTHUS ANNUUS*. GROWTH CHAMBER, WATER CULTURE HUMIDITY, SODIUM, CALCIUM, CHLORIDE, SPLIT-ROOT TRANSPIRATION, ROOT GROWTH, LEAF WATER POTENTIAL, OSMOTIC POTENTIAL, CHLORIDE UPTAKE
1894. SHALHEVET, J.; REININGER, P.; SHIMSHI, D. PEANUT RESPONSE TO UNIFORM AND NON-UNIFORM SOIL SALINITY. AGRON. J. 61: 384-387. 1969. PEANUT LEGUMINOSAE: *ARACHIS HYPOGAEA*. FIELD PLOT, SOIL SODIUM, CHLORIDE, CALCIUM SALT TOLERANCE, WATER UPTAKE, GERMINATION



1895. SHALHEVET, J.; YARON, B. EFFECT OF SOIL AND WATER SALINITY ON TOMATO GROWTH. PLANT SOIL 39: 285-292. 1973. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. SOIL, FIELD PLOT SALINE SOIL, BRACKISH WATER WATER UPTAKE, VEGETATIVE GROWTH
1896. SHALHEVET, J.; YARON, B.; HOROWITZ, U. SALINITY AND CITRUS YIELD-AN ANALYSIS OF RESULTS FROM A SALINITY SURVEY. J. HORT. SCI. 49: 15-27. 1974. ORANGE RUTACEAE: CITRUS SINENSIS. FIELD, SOIL SALINE WATER
1897. SHAMSUALIEVA, L.; SAIDOV, D. K. THE EFFECTS OF SALT SOLUTIONS OF DIFFERENT CONCENTRATIONS ON SEED GERMINATION AND SEEDLING STRUCTURES OF GLYCYRRHIZA GLABRA L. (RUS; ENG SUM). UZ. BIOL. ZHUR. 3: 51-55. 1969. LICORICE LEGUMINOSAE: GLYCYRRHIZA GLABRA. GERMINATION DISHES CHLORIDE, SULFATE, MAGNESIUM, CALCIUM, SODIUM CYTOLOGY, VEGETATIVE GROWTH, MORPHOLOGY, ANATOMICAL RESPONSE
1898. SHANNON, M. C. PLANT BREEDING APPROACHES TO THE SALINITY PROBLEM. PROC. WORKSHOP ON SALT EFFECTS ON PLANT STRUCTURES AND PROCESSES, RIVERSIDE, CALIF., APRIL 1976: 54-55. 1976. GENETIC INTERACTION
1899. SHANNON, M. C.; FRANCOIS, L. E. INFLUENCE OF SEED PRETREATMENT ON SALT TOLERANCE OF COTTON DURING GERMINATION. AGRON. J. 69: 619-622. 1977. COTTON MALVACEAE: GOSSYPIUM BARBADENSE. GERMINATION DISHES CALCIUM, CHLORIDE, PHOSPHATE, KINETIN, GIBBERELIC ACID, INDOLACETIC ACID, ADENOSINE 5' MONOPHOSPHORIC ACID, SEED PRETREATMENT GERMINATION
1900. SHANTZ, H. L. NATURAL VEGETATION AS AN INDICATOR OF THE CAPABILITIES OF LAND FOR CROP PRODUCTION IN THE GREAT PLAINS AREA. USDA BUR. PLANT IND. BULL. 201: 100 PP. 1911. NATIVE VEGETATION SOIL SALINE SOIL ECOLOGY
1901. SHANTZ, H. L.; PIEMEISEL, R. L. INDICATOR SIGNIFICANCE OF THE NATURAL VEGETATION OF THE SOUTHWESTERN DESERT REGION. J. AGRIC. RES. 28: 721-802. 1924. NATIVE VEGETATION SOIL, FIELD SALINE SOIL ECOLOGY, SALT TOLERANCE
1902. SHARMA, D. C.; PUNTAMKAR, S. S.; MEHTA, P. C.; SETH, S. P. NOTE ON THE EFFECT OF DIFFERENT COMMON SALTS OF SODIUM AND CALCIUM ON THE GERMINATION OF GREEN-GRAM (PHASEOLUS AUREUS ROXB.) VARIETIES. INDIAN J. AGRIC. SCI. 41: 636-638. 1971. BEAN, MUNG LEGUMINOSAE: PHASEOLUS AUREUS. GERMINATION DISHES SODIUM, CHLORIDE, SULFATE, BICARBONATE, CARBONATE, VARIETY GERMINATION, SALT TOLERANCE
1903. SHARMA, D. C.; PUNTAMKAR, S. S.; SETH, S. P. RELATIVE SALT TOLERANCE OF DIFFERENT VARIETIES OF MOONG (PHASEOLUS AUREUS) TO DIFFERENT SALT SOLUTIONS AT GERMINATION AND SEEDLING STAGES. INDIAN J. PLANT PHYSIOL. 15: 70-78. 1972. BEAN, MUNG LEGUMINOSAE: PHASEOLUS AUREUS. WATER CULTURE, GERMINATION, DISHES VARIETY, GROWTH STAGE, SODIUM, CHLORIDE, SULFATE, CALCIUM, BICARBONATE, CARBONATE GERMINATION, SEEDLING GROWTH, SALT TOLERANCE
1904. SHARMA, G.; LAL, P. EFFECT OF NITROGEN LEVELS AND LEACHING REGIMES ON THE USE OF SALINE WATERS FOR WHEAT CROP GROWN ON SANDY AND CLAY LOAM SOILS. J. INDIAN SOC. SOIL SCI. 23: 302-309. 1975. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL LEACHING, NITROGEN, FERTILIZER, BRACKISH WATER, SODIUM ADSORPTION RATIO NITROGEN UPTAKE, POTASSIUM UPTAKE, PHOSPHORUS UPTAKE
1905. SHARMA, O. P.; PUNTAMKAR, S. S.; SETH, S. P. SALT TOLERANCE OF DIFFERENT VARIETIES OF WHEAT (TRITICUM AESTIVUM L.) AT GERMINATION. INDIAN J. AGRIC. SCI. 40: 929-932. 1970. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE, GERMINATION DISHES VARIETY, SODIUM, CHLORIDE, SULFATE, CARBONATE, BICARBONATE, CALCIUM GERMINATION, SALT TOLERANCE
1906. SHARMA, O. P.; PUNTAMKAR, S. S.; SETH, S. P. SALT TOLERANCE OF DIFFERENT VARIETIES OF WHEAT AT SEEDLING STAGE. INDIAN J. AGRIC. SCI. 41: 44-47. 1971. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE, TEST TUBE VARIETY SODIUM, CHLORIDE, SULFATE, CARBONATE, BICARBONATE, CALCIUM SEEDLING GROWTH, SALT TOLERANCE
1907. SHARMA, S. C.; RAY, N. GERMINATION AND THRIVING ABILITY OF A FEW RICE VARIETIES IN HIGHLY AFFECTED SALINE-ALKALI SOIL. AGRIC. AGRO-IND. J. 7: 24-26. 1974. RICE GRAMINEAE: ORYZA SATIVA. POT. SOIL VARIETY, SALINE SOIL, ALKALINE SOIL GERMINATION, VEGETATIVE GROWTH, SALT TOLERANCE



1908. SHARMA, S. K.; GUPTA, R. K. EFFECT OF SALTS ON SEED GERMINATION OF SOME DESERT GRASSES. ANN. ARID ZONE 10: 33-36. 1971. DESERTGRASS GRAMINEAE: DACTYLOCTENIUM AEGYPTIUM, DICHANTHIUM ANNULATUM, CHLORIS VIRGATA, DACTYLOCTENIUM SINDICUM, CENCHRUS SETIGERUS. GERMINATION DISHES SODIUM, CHLORIDE, SULFATE, CALCIUM GERMINATION
1909. SHARMA, S. K.; GUPTA, R. K. OBSERVATIONS ON SEED GERMINATION AND EARLY SEEDLING GROWTH OF DICHANTHIUM ANNULATUM (FORSK) STAFF. UNDER THE INFLUENCE OF SALINITY. COMP. PHYSIOL. ECOL. 1: 153-155. 1976. BLUESTEM, DIAZ GRAMINEAE: DICHANTHIUM ANNULATUM. POT SODIUM, CHLORIDE, SEED PRETREATMENT GERMINATION, SEEDLING GROWTH, ROOT GROWTH
1910. SHARMA, V. K.; AHLUWALIA, P. S.; SINGH, R. P. SALT TOLERANCE OF SUNFLOWER IN GERMINATION BEHAVIOR AND SEEDLING GROWTH. GEOBIOS. 2: 154-155. 1975. SUNFLOWER COMPOSITAE: HELIANTHUS ANNUUS. GERMINATION, SEEDLING GROWTH
1911. SHAW, G. W. FIELD OBSERVATIONS UPON TOLERANCE OF SUGAR BEETS FOR ALKALI. CALIF. EXPT. STA. BULL. 169: 29 P. 1905. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. FIELD, SOIL ALKALI SOIL LEAF INJURY, VEGETATIVE GROWTH
1912. SHCHIPANOVA, I. A. ON SALT RESISTANCE OF COTTON UNDER CONDITIONS OF SHIRVAN STEPPE. (RUS). AKAD. NAUK. AZERBAIDZHANSK. SSR. INST. POCHOVED. I AGROKHIM. TRUDY 7: 233-240. 1955. COTTON MALVACEAE: GOSSYPIUM. FIELD, SOIL CHLORIDE VEGETATIVE GROWTH, ROOT GROWTH
1913. SHEIKH, K. H.; KHANUM, S. SOME STUDIES OF THE QUALITY OF IRRIGATION WATER AND THE GERMINATION AND GROWTH OF WHEAT AT DIFFERENT CONCENTRATIONS OF BORON. PLANT SOIL 45: 565-576. 1976. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GERMINATION DISHES, WATER CULTURE, POT, SOIL BORON, WATER QUALITY GERMINATION, VEGETATIVE GROWTH
1914. SHEN, I. S.; TUNG, H. L. PRELIMINARY REPORT ON SALT TOLERANCE OF SUGAR CANE VARIETIES. (CHI; ENG SUM). REP. TAIWAN SUGAR EXPT. STA. 2: 26: 29-38. 1962. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. WATER CULTURE, POT, GREENHOUSE SODIUM, CHLORIDE ROOT GROWTH, VEGETATIVE GROWTH, SALT TOLERANCE, SODIUM UPTAKE
1915. SHEN, I. S.; TUNG, H. L. STUDY ON SALT TOLERANCE IN SUGARCANE. (CHI; ENG SUM) REP. TAIWAN SUGAR EXPT. STA. 35: 1-24. 1964. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM SOIL, GREENHOUSE, POT VARIETY, SODIUM, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE, GERMINATION
1916. SHERAZI, S. A. U.; AHMAD, N.; KHAN, M. F. A. EFFECT OF SALINE IRRIGATION WATER ON THE YIELD AND CHEMICAL COMPOSITION OF MAIZE VARIETY J-1. WEST PAK. J. AGRIC. RES. 9: 162-169. 1971. CORN GRAMINEAE: ZEA MAYS. POT, SOIL SODIUM, CHLORIDE, SULFATE, BICARBONATE MINERAL COMPOSITION
1917. SHERE, S. M.; MEMON, K. S.; KHANZADA, A. N. EFFECT OF SALINITY ON THE GROWTH AND MINERAL UPTAKE IN SOYBEAN (GLYCINE MAX). PAK. J. SCI. IND. RES. 17: 148-151. 1974. SOYBEAN LEGUMINOSAE: GLYCINE MAX. POT, SAND, WATER CULTURE, GROWTH CHAMBER SODIUM, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE, MINERAL COMPOSITION
1918. SHERWIN, M. E. EFFECT OF FERTILIZERS ON GERMINATION AND SEEDLING GROWTH OF CORN AND COTTON. J. ELISHA MITCHELL SCI. SOC. 36: 16. 1920. CORN; COTTON GRAMINEAE: ZEA MAYS; MALVACEAE: GOSSYPIUM. POT, SOIL FERTILIZER, BORON GERMINATION, SEEDLING GROWTH
1919. SHEVYAKOVA, N. I. DISRUPTION OF SULFUR METABOLISM IN PLANTS UNDER SALINE CONDITIONS. SOVIET PLANT PHYSIOL. 15: 178-184. 1968. BEAN, BROAD LEGUMINOSAE: VICIA FABA. GREENHOUSE, WATER CULTURE SODIUM, CHLORIDE, SULFATE, DEXTRAN SULFUR METABOLISM
1920. SHEVYAKOVA, N. I. EFFECT OF SALTS IN THE BIOSYNTHESIS OF SOME SULFUR AMINO ACIDS IN HORSEBEAN LEAVES. (RUS). DOKLADY AN SSSR 167: 471-473. 1966. BEAN, BROAD LEGUMINOSAE: VICIA FABA. WATER CULTURE CHLORIDE, SODIUM, SULFATE LEAF INJURY, SULFATE UPTAKE, CYSTEINE, CYSTINE, METHIONINE
1921. SHEVYAKOVA, N. I. THE RATE OF HYDROGEN SULFIDE FORMATION IN PLANTS UNDER SALINE CONDITIONS. SOVIET PLANT PHYSIOL. 15: 912-914. 1968. MUSTARD; BEAN, BROAD LEGUMINOSAE: VICIA FABA; CRUCIFERAE: BRASSICA JUNCEA. GREENHOUSE.

SOIL SODIUM, SULFATE, CHLORIDE SULFUR METABOLISM, HYDROGEN SULFIDE FORMATION

1922. SHEVYAKOVA, N. I.; LOSHADKINA, A. P. VARIATION OF THE SULFHYDRYL GROUP CONTENT IN PLANTS UNDER CONDITIONS OF SALINIZATION. SOVIET PLANT PHYSIOL. 12: 280-286. 1965. BEAN, BROAD: CORN GRAMINEAE: ZEA MAYS; LEGUMINOSAE: VICIA FABA. GREENHOUSE, WATER CULTURE SODIUM, CHLORIDE, SULFATE, GLUTATHIONE SULFHYDRYL GROUP
1923. SHEVYAKOVA, N. I.; POPOVA, M. N. NEW FORMATION OF SULFATE IN PLANTS IN THE PRESENCE OF Na_2SO_4 . (RUS). DOKL. AKADEMIY NAUK, SSSR 182: 975-977. 1968. KALE; MUSTARD; BEAN, BROAD CRUCIFERAE: BRASSICA OLERACEA VAR ACEPHALA, BRASSICA JUNCEA; LEGUMINOSAE: VICIA FABA. GREENHOUSE, SOIL SODIUM, SULFATE SULFATE UPTAKE, METHIONINE
1924. SHEVYAKOVA, N. I.; STROGOV, B. P. ACCUMULATION OF SULFOXIDES OF S-AMINO ACIDS IN CABBAGE LEAVES IN THE PRESENCE OF Na_2SO_4 . SOVIET PLANT PHYSIOL. 15: 444-449. 1968. CABBAGE CRUCIFERAE: BRASSICA OLERACEA VAR ACEPHALA. GREENHOUSE, POT. SOIL SODIUM, SULFATE ENZYME ACTIVITY, MINERAL COMPOSITION
1925. SHEVYAKOVA, N. I.; STROGOV, B. P. UPTAKE AND DISTRIBUTION OF S^{35} IN HORSE BEAN PLANTS UNDER CONDITIONS OF SALINIZATION. SOVIET PLANT PHYSIOL. 11: 745-753. 1964. BEAN, BROAD LEGUMINOSAE: VICIA FABA. GREENHOUSE, WATER CULTURE SULFATE, SODIUM, CHLORIDE, DEXTRAN SULFATE UPTAKE
1926. SHIMOSE, N. ABSORPTION OF CHLORIDE BY RICE PLANTS. (JAP; ENG SUM). J. SCI. SOIL AND MANURE, JAPAN 25: 65-68. 1954. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE CHLORIDE, GROWTH STAGE CHLORIDE UPTAKE, VEGETATIVE GROWTH
1927. SHIMOSE, N. PHYSIOLOGY OF SALT INJURY IN CROPS. 10. EFFECT OF ENVIRONMENTAL CONDITIONS ON THE GROWTH OF RICE PLANTS GROWN IN EXCESS SALT SOLUTIONS. (JAP; ENG SUM). SCI. REP. FAC. AGRIC. OKAYAMA UNIV. 41: 69-78. 1973. RICE GRAMINEAE: ORYZA SATIVA. SAND, WATER CULTURE SODIUM, CHLORIDE, SULFATE, GROWTH STAGE, TEMPERATURE VEGETATIVE GROWTH, MINERAL COMPOSITION
1928. SHIMOSE, N. PHYSIOLOGY OF SALT INJURY IN CROPS. 3. SALT TOLERANCE OF MAT RUSH PLANTS (JAP). J. SCI. SOIL AND MANURE, JAPAN 34: 147. 1963. PAK-CHOI; SPINACH; CABBAGE, CHINESE; TURNIP; CELERY; EGGPLANT; ONION; LETTUCE; STRAWBERRY; CARROT; TOMATO; PEPPER, BEAN; PARSLEY; BEAN, BROAD SOLANACEAE: LYCOPERSICON ESCULENTUM, CAPSICUM FRUTESCENS, SOLANUM MELONGENA; CRUCIFERAE: RAPHANUS SATIVUS, BRASSICA RAPA, BRASSICA CHINENSIS, BRASSICA PEKINENSIS; COMPOSITAE: LACTUCA SATIVA; AMARYLLIDACEAE: ALLIUM CEPA; CUCURBITACEAE: CUCUMIS SATIVUS; LEGUMINOSAE: PHASEOLUS VULGARIS, VICIA FABA; CHENOPODIACEAE: SPINACIA OLERACEA; ROSACEAE: FRAGARIA; UMBELLIFERAE: PETROSELINUM CRISPUM, DAUCUS CAROTA VAR SATIVA, APIUM GRAVEOLENS. SAND CULTURE SODIUM, CHLORIDE MINERAL COMPOSITION
1929. SHIMOSE, N. PHYSIOLOGY OF SALT INJURY IN CROPS. 4. SALT TOLERANCE IN TOMATO AND TOBACCO PLANTS. (JAP). J. SCI. SOIL TOKYO 35: 143-147. 1964. TOMATO; TOBACCO SOLANACEAE: LYCOPERSICON ESCULENTUM, NICOTIANA TABACUM. SODIUM, SULFATE, CHLORIDE, BICARBONATE SALT TOLERANCE, VEGETATIVE GROWTH, MINERAL COMPOSITION
1930. SHIMOSE, N. PHYSIOLOGY OF SALT INJURY IN CROPS. 5. RICE PLANTS GROWN IN POTASSIUM AND CALCIUM DEFICIENT SOLUTIONS AND IN SOLUTIONS WITH EXCESSIVE AMOUNTS OF SODIUM CHLORIDE OR SULFATE. (JAP). J. SCI. SOIL TOKYO 35: 148-151. 1964. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE POTASSIUM, NUTRITENT DEFICIENCY, CALCIUM, SODIUM, CHLORIDE, SULFATE MINERAL COMPOSITION, VEGETATIVE GROWTH
1931. SHIMOSE, N. PHYSIOLOGY OF SALT INJURY IN CROPS. 7. SALT TOLERANCE OF ONION, CELERY, SPINACH, CUCUMBER AND KIDNEY BEAN. (JAP). J. SCI. SOIL MANURE TOKYO 39: 548-553. 1968. ONION; CELERY; SPINACH; CUCUMBER; BEAN, KIDNEY UMBELLIFERAE: APIUM GRAVEOLENS; AMARYLLIDACEAE: ALLIUM CEPA; CHENOPODIACEAE: SPINACIA OLERACEA; CUCURBITACEAE: CUCUMIS SATIVUS; LEGUMINOSAE: PHASEOLUS VULGARIS. SULFATE, CHLORIDE SALT TOLERANCE, VEGETATIVE GROWTH, MINERAL COMPOSITION
1932. SHIMOSE, N. PHYSIOLOGY OF SALT INJURY IN CROPS. 8. SALT TOLERANCE OF MAIZE, LUCERNE AND ITALIAN RYEGRASS. (JAP). J. SCI. SOIL MANURE TOKYO 39: 554-557. 1968. CORN; ALFALFA; RYEGRASS, ITALIAN GRAMINEAE: ZEA MAYS, LOLIUM MULTIFLORUM; LEGUMINOSAE: MEDICAGO SATIVA. SULFATE, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE, MINERAL COMPOSITION



1933. SHIMOSE, N. ROLE OF CHLORINE IN CROPS. I. EFFECTS OF CHLORIDE ON NITROGEN METABOLISM OF RICE PLANTS. (JAP; ENG SUM). J. SCI. SOIL AND MANURE, JAPAN 27: 193-196. 1957. RICE GRAMINEAE: ORYZA SATIVA. SAND SODIUM, CHLORIDE CHLORIDE UPTAKE, NITROGEN UPTAKE, NITROGEN METABOLISM
1934. SHIMOSE, N. ROLE OF CHLORINE IN CROPS. IV. EFFECT OF HIGH NaCl AND Na₂SO₄ CONCENTRATIONS ON GROWTH OF RICE PLANTS. (JAP). J. SCI. SOIL TOKYO 29: 158-162. 1958. RICE GRAMINEAE: ORYZA SATIVA. SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH
1935. SHIMOSE, N. SALT TOLERANCE OF CROPS. JAP. AGRIC. RES. Q. 7: 178-184. 1973. TOMATO; TOBACCO; RYEGRASS, ITALIAN; BARLEY; CUCUMBER; ASPARAGUS; SPINACH; RICE; ALFALFA LEGUMINOSAE: MEDICAGO SATIVA; GRAMINEAE: HORDEUM VULGARE, LOLIUM MULTIFLORUM, ORYZA SATIVA; CHENOPODIACEAE: SPINACIA OLERACEA; LILIACEAE: ASPARAGUS OFFICINALIS; CUCURBITACEAE: CUCUMIS SATIVUS; SOLANACEAE: LYCOPERSICON ESCULENTUM, NICOTIANA TABACUM. SAND SODIUM, SULFATE, CHLORIDE MINERAL COMPOSITION
1936. SHIMOSE, N. STUDIES ON THE PHYSIOLOGY OF SALT INJURY. 1. THE EFFECTS OF THE GROWTH AND THE ABSORPTION OF MINERAL ELEMENTS IN RICE BY THE ISOTONIC SOLUTION OF SODIUM CHLORIDE AND SODIUM SULFATE. J. SOIL FERT., JAPAN 34: 107-110. 1963. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, MINERAL COMPOSITION
1937. SHIMOSE, N. STUDIES ON THE PHYSIOLOGY OF SALT INJURY. 2. THE EFFECTS OF EXCESS SODIUM CHLORIDE AND SODIUM SULFATE ON THE CARBOHYDRATE METABOLISM OF RICE. J. SOIL FERT., JAPAN 34: 111-113. 1963. RICE GRAMINEAE: ORYZA SATIVA. SODIUM, CHLORIDE, SULFATE CARBOHYDRATE, VEGETATIVE GROWTH
1938. SHIMOSE, N.; MIFUNE, A. ROLE OF CHLORINE IN CROPS. II. DISTRIBUTION OF FREE AMINO ACID AND AMIDES IN RICE PLANTS GROWN IN CHLORIDE EXCESS SOLUTION. (JAP; ENG SUM). J. SCI. SOIL AND MANURE, JAPAN 27: 215-217. 1956. RICE GRAMINEAE: ORYZA SATIVA. SAND SODIUM, CHLORIDE, GROWTH STAGE AMINO ACID, AMIDE
1939. SHIMOYAMA, T.; OGO, T. STUDIES ON THE SALINE INJURY ON CROPS. II. ON THE EFFECTS ON THE GROWTH AND THE HARVEST OF THE RICE AS PRODUCED BY THE SALINE IRRIGATION AT DIFFERENT GROWING PERIODS. (JAP; ENG SUM). OKAYAMA AGRIC. EXPT. STA., SPEC. BULL. 54: 21-28. 1956. RICE GRAMINEAE: ORYZA SATIVA. SOIL SODIUM, CHLORIDE, GROWTH STAGE VEGETATIVE GROWTH
1940. SHIPILOV, V. M. EFFECT OF SOIL SALINITY ON PROTEIN AND FAT CONTENTS AND ASH COMPOSITION OF BARLEY. (RUS). SBORNIK NAUCHNYKH TRUDOV, YUZH. PROEKTO-IZYSKAT'YUZHIGIPROVODSKOZ': REFERATIVNI ZHURNAL 9.55.457 NO. 14: 66-72. 1973. BARLEY GRAMINEAE: HORDEUM VULGARE. SOIL SALINE SOIL, SODIUM, SULFATE MINERAL COMPOSITION
1941. SHIVE, J. W. THE EFFECT OF SALT CONCENTRATION ON THE GERMINATION OF SEEDS. N. J. AGRIC. EXPT. STA. 37TH AN. RPT.: 455-457. 1917. BEAN; CORN LEGUMINOSAE: PHASEOLUS VULGARIS; GRAMINEAE: ZEA MAYS. SAND, POT NITRATE, CARBONATE, PHOSPHATE, CHLORIDE, POTASSIUM, MAGNESIUM, SULFATE, CALCIUM GERMINATION
1942. SHKOLNIK, M. I.; MAKAROVA, N. A.; STEKLOVA, M. M. EFFECT OF MICRO-ELEMENTS ON INCREASING THE SALT RESISTANCE OF PLANTS AND THE REASONS FOR IT. (RUS). BOT. ZHUR. 34: 85-94. 1949. ALFALFA; BARLEY LEGUMINOSAE: MEDICAGO SATIVA; GRAMINEAE: HORDEUM VULGARE. SOIL SEED PRETREATMENT, MANGANESE, ALUMINUM, BORON CARBOHYDRATE METABOLISM, STARCH
1943. SHMATOK, I. D. SALT TOLERANCE AND MINERAL NUTRITION WITH SALINIZATION. (RUS). IZV. KUIBYSHEVSKOGO S.-KH. IN-TA. 10: 245-261. 1950. ONION; BARLEY; GLASSWORT, WHEAT CHENOPODIACEAE: SALICORNIA HERBACEA; GRAMINEAE: HORDEUM VULGARE, TRITICUM AESTIVUM; AMARYLLIDACEAE: ALLIUM CEPA. GREENHOUSE, SOIL BORON, SODIUM, CHLORIDE, CARBONATE, POTASSIUM, SEED PRETREATMENT PROTOPLASM VISCOSITY, BIOCOLLOIDS, GERMINATION, ASH, SALT TOLERANCE
1944. SHMUELI, M. DRIP IRRIGATION OF VEGETABLES WITH SALINE WATER. HORTSCIENCE 10: 506-509. 1975. TOMATO; PEPPER; PEA; CORN SOLANACEAE: LYCOPERSICON ESCULENTUM, CAPSICUM FRUTESCENS; LEGUMINOSAE: PISUM SATIVUM; GRAMINEAE: ZEA MAYS. SOIL, FIELD PLOT IRRIGATION METHOD, CHLORIDE, SODIUM, CALCIUM, MAGNESIUM, SULFATE, POTASSIUM VEGETATIVE GROWTH,

FRUIT SIZE, EMERGENCE

1945. SHMUELI, M.; GOLDBERG, D. EMERGENCE, EARLY GROWTH AND SALINITY OF FIVE VEGETABLE CROPS GERMINATED BY SPRINKLE AND TRICKLE IRRIGATION IN AN ARID ZONE. HORTSCIENCE 6: 563-565. 1971. CUCUMBER; TOMATO; PEPPER; MUSKMELON; ONION. SOLANACEAE: LYCOPERSICON ESCULENTUM, CAPSICUM ANNUUM; CUCURBITACEAE: CUCUMIS SATIVUS, CUCUMIS MELO; AMARYLLIDACEAE: ALLIUM CEPA. FIELD, SOIL IRRIGATION METHOD EMERGENCE, CHLORIDE UPTAKE
1946. SHMUELI, M.; GOLDBERG, D. SPRINKLE, FURROW, AND TRICKLE IRRIGATION OF MUSKMELON IN AN ARID ZONE. HORTSCIENCE 6: 557-559. 1971. MUSKMELON CUCURBITACEAE: CUCUMIS MELO. FIELD, SOIL IRRIGATION METHOD, SALINE SOIL VEGETATIVE GROWTH, CHLORIDE UPTAKE
1947. SHOMER-ILAN, A.; WASEL, Y. THE EFFECT OF SODIUM CHLORIDE ON THE BALANCE BETWEEN THE C3- AND C4- CARBON FIXATION PATHWAYS. PHYSIOL. PLANT. 29: 190-193. 1973. CORN; RHODES GRASS GRAMINEAE: ZEA MAYS, CHLORIS GAYANA, AELUROPOUS LITTORALIS. GROWTH CHAMBER, WATER CULTURE SODIUM, CHLORIDE CARBON FIXATION, ENZYME ACTIVITY
1948. SHORTLE, W. C.; KOTHEIMER, J. B.; RICH, A. E. EFFECT OF SALT INJURY ON SHOOT GROWTH OF SUGAR MAPLE, ACER SACCHARUM. PLANT DIS. REP. 56: 1004-1007. 1972. MAPLE, SUGAR ACERACEAE: ACER SACCHARUM. FIELD, SOIL DEICING SALT, SODIUM, CHLORIDE SEEDLING GROWTH, CHLORIDE UPTAKE
1949. SHORTLE, W. C.; RICH, A. E. RELATIVE SODIUM CHLORIDE TOLERANCE OF COMMON ROADSIDE TREES IN SOUTHEASTERN NEW HAMPSHIRE. PLANT DIS. REP. 54: 360-362. 1970. OAK, RED; OAK, WHITE; CEDAR, RED; LOCUST, BLACK; ASPEN, QUAKING; BIRCH, BLACK; BIRCH, PAPER; BIRCH, GRAY; BIRCH, YELLOW; CHERRY, BLACK; ASH, WHITE; ASPEN, LARGE TOOTHED; BASSWOOD; HICKORY, SHAGBARK; ELM, AMERICAN; MAPLE, RED; PINE, WHITE; IRONWOOD; HEMLOCK; MAPLE, SUGAR; ALDER, SPECKLED; PINE, RED FAGACEAE: QUERCUS RUBRA, QUERCUS ALBA; ULMACEAE: ULMUS AMERICANA; OLEACEAE: FRAXINUS AMERICANA; BETULACEAE: BETULA LENTA, BETULA Papyrifera, BETULA POPULIFOLIA, BETULA ALLEGHANIENSIS, ALNUS RUCOSA; PINACEAE: PINUS STROBUS, PINUS RESINOSA, TSUGA CANADENSIS; TILIACEAE: TILIA AMERICANA; SALICACEAE: POPULUS TREMULOIDES, POPULUS GRANDIDENTATA; LEGUMINOSAE: ROBINIA PSEUDOACACIA; CUPRESSACEAE: JUNIPERUS VIRGINIANA; CARPINACEAE: CARPINUS CAROLINIANA; ROSACEAE: PRUNUS SEROTINA; ACERACEAE: ACER RUBRUM, ACER SACCHARUM; JUGLANDACEAE: CARYA OVATA. FIELD, SOIL SODIUM, CHLORIDE LEAF INJURY, SALT TOLERANCE
1950. SHOURBAGY, N. E.; WALLACE, A. SODIUM ACCUMULATION AND SODIUM RESPONSES OF FIVE VARIETIES OF BARLEY. AGRON. J. 57: 449-450. 1965. BARLEY GRAMINEAE: HORDEUM VULGARE. WATER CULTURE, TEST TUBE VARIETY, SODIUM SODIUM UPTAKE
1951. SHUTT, F. T.; MACOUN, J. M. THE ALKALI CONTENT OF SOILS AS RELATED TO CROP GROWTH. TRANS. ROY. SOC. (CANADA) SER. III: 75-78. 1923. WHEAT GRAMINEAE: TRITICUM AESTIVUM. FIELD, SOIL VARIETY, ALKALINE SOIL VEGETATIVE GROWTH, SALT TOLERANCE
1952. SID KO, A. A. SALT TOXICITY LIMIT AND EFFECTIVE DEPTH OF SOIL DESALINIZATION BY FUNDAMENTAL LEACHING. SOVIET SOIL SCI. 4: 508. 1970. COTTON MALVACEAE: GOSSYPIMUM. SOIL, FIELD LEACHING, SALINE SOIL, OSMOTIC PRESSURE TOXICITY
1953. SIDERIS, C. P. EFFECTS OF SEA WATER SPRAYS ON PINEAPPLE PLANT. PHYTOPATH. 45: 590-594. 1955. PINEAPPLE BROMELIACEAE: ANANAS COMOSUS. FIELD, SOIL SALT SPRAY LEAF INJURY, ECOLOGY, VEGETATIVE GROWTH
1954. SIDERIS, C. P.; KRAUSS, B. H.; MAUNAGA, E. THE EFFECT OF THE SALT CONCENTRATION OF THE CULTURE SOLUTION ON THE GROWTH AND COMPOSITION OF PINEAPPLE PLANTS. AMER. J. BOT. 15: 353-371. 1928. PINEAPPLE BROMELIACEAE: ANANAS COMOSUS. POT. WATER CULTURE POTASSIUM, NITRATE, MAGNESIUM, CALCIUM, SULFATE VEGETATIVE GROWTH, MINERAL COMPOSITION
1955. SIDERIS, C. P.; YOUNG, H. Y. EFFECT OF CHLORIDES ON THE METABOLISM OF PINEAPPLE PLANTS. AMER. J. BOT. 41: 847-854. 1954. PINEAPPLE BROMELIACEAE: ANANAS COMOSUS. WATER CULTURE, POT CHLORIDE, CALCIUM, POTASSIUM, SULFATE VEGETATIVE GROWTH, CHLORIDE UPTAKE, FRUIT QUALITY
1956. SIEGEL, S. M.; GIUMARRO, C.; DALY, O. W. MICRO-AEROBIC CAPABILITIES IN LAND PLANTS: OBSERVATIONS ON SURVIVAL AND

[The body of the page contains extremely faint, illegible text, likely bleed-through from the reverse side of the paper. The text is arranged in several paragraphs and appears to be a formal document or letter.]

GROWTH OF PLANTS SUBMERGED IN FRESH AND SALINE WATERS. NATURE 209: 1330-1334, 1966. BEET; CUCUMBER; MARIGOLD; RYE; RICE; BARLEY; BEAN; LETTUCE; SPURGE; HEDGE CACTUS; GROUNDSEL; COLEUS; IVY. ENGLISH EUPHORBIACEAE: EUPHORBIA HERMENTIANA, EUPHORBIA XYPHYLLOIDES; ARALIACEAE: HEDERA HELIX; CACTACEAE: CEREUS PERUVIANUS; CRASSULACEAE: COTYLEDON; LILIACEAE: GASTERIA HYBRIDA; LABIATAE: COLEUS BLUMEI; COMPOSITAE: SENECIO GREGORII, LACTUCA SATIVA, TAGETES; CHENOPODIACEAE: BETA VULGARIS; GRAMINEAE: SECALE CEREALE, ORYZA SATIVA, HORDEUM VULGARE; LEGUMINOSAE: PHASEOLUS VULGARIS; CUCURBITACEAE: CUCUMIS SATIVUS. WATER CULTURE SODIUM CHLORIDE GERMINATION, VEGETATIVE GROWTH

1957. SILKIN, L. Y. EFFECT OF GIBBERELLIN ON CERTAIN PHYSIOLOGICAL PROCESSES IN OAK SEEDLINGS IN SULFATE SALINIZED SOIL. SOVIET PLANT PHYSIOL. 9: 567-579, 1963. OAK FAGACEAE: QUERCUS ROBUR. GREENHOUSE, POT, SOIL GIBBERELLIC ACID, SODIUM CHLORIDE, MAGNESIUM, SULFATE, CALCIUM, CARBONATE SEEDLING GROWTH, MINERAL UPTAKE
1958. SILKIN, L. Y. INFLUENCE OF SH AND SS GROUPS ON THE SALT RESISTANCE OF PLANTS. SOVIET PLANT PHYSIOL. 12: 91-93, 1965. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. SOIL CHLORIDE, SODIUM SULFHYDRYL GROUP, DISULFIDE GROUP
1959. SIMONNEAU, P. ESSAI SUR LA VEGETATION HALOPHILE. AN EXPERIMENT ON HALOPHILOUS VEGETATION. (FRE; ENG SUM). IN: SALINITY PROBLEMS IN THE ARID ZONES. PROC. TEHRAN SYMP. ARID ZONE RES. UNESCO, PARIS, 14: 135-138, 1961. GLASSWORT; SAMPHIRE; PICKLEWEED; SEA BLITE; SALT BUSH; RUSH; REED; BEAN-CAPER CHENOPODIACEAE: ARTHROCNEMUM GLAUCUM, SALICORNIA FRUTICOSA, SALICORNIA HERBACEA, SUAEDA FRUTICOSA, SUAEDA MOLLIS, SUAEDA MONODIANA, ATRIPLEX HASTATA, ATRIPLEX MAURITANICA, ATRIPLEX HALIMUS, SALSOLA VERMICULATA, SALSOLA FOETIDA, HALOCNEMUM STROBILACEUM, HALOPEPLIS AMPLEXICAULIS; ZYGOPHYLLACEAE: ZYGOPHYLLUM ALBUM; JUNCACEAE: JUNCUS SUBULATUS; GRAMINEAE: PHRAGMITES COMMUNIS, AELUROPUS LITTORALIS. FIELD, SOIL LEACHING, DRAINAGE ECOLOGY, RECLAMATION
1960. SIMONNEAU, P. INFLUENCE DE LA SALINITE SUR LES PLANTES ET LES CULTURES EN AFRIQUE DU NORD. THE EFFECT OF SALINITY ON PLANTS AND CROPS IN NORTH AFRICA. (FRE). RAPPORTS DU SOL ET DE LA VEGETATION. PREMIER COLLOQ. SOC. BOT. FR. 1959: 140-149, 1960. NATIVE VEGETATION; RICE; COTTON; ALFALFA; ARTICHOKE GRAMINEAE: ORYZA SATIVA; MALVACEAE: GOSSYPIMUM; LEGUMINOSAE: MEDICAGO SATIVA; COMPOSITAE: CYNARA SCOLYMUS. SOIL, FIELD SALINE SOIL, SODIUM CHLORIDE ECOLOGY
1961. SIMONNEAU, P. NOTE SUR LA RESISTANCE AU SEL DE QUELQUES PLANTES CULTIVEES; OBSERVATIONS FAITES DANS LES TERRAINS SALES DES PLAINES SUB-LITTORALES D'ORANIE. NOTES ON THE RESISTANCE TO SALT OF SEVERAL CULTIVATED CROPS; OBSERVATIONS MADE IN SALINE TERRAIN AND SUBCOASTAL PLAINS OF ORANIE. (FRE). REVUE FRANCAISE DE L'ORANGER. CASABLANCA 229: 319-322, 1951. WHEAT; BARLEY; OATS; CORN; BERMUDA GRASS; RABBIT FOOT GRASS; ALFALFA; CLOVER, SWEET; CLOVER; PEA; BEAN; COTTON; POTATO; TOMATO; CARROT; ONION; PEPPER; SQUASH; MUSKMELON; ARTICHOKE; CABBAGE; APPLE; OLIVE; POMEGRANATE GRAMINEAE: HORDEUM VULGARE, ZEA MAYS, FESTUCA ARUNDINACEA, CYNOLON DACTYLON, POLYPOGON MONSPELIENSIS, TRITICUM AESTIVUM, AVENA SATIVA; LEGUMINOSAE: MEDICAGO SATIVA, PHASEOLUS VULGARIS, MELILOIUS, TRIFOLIUM, PISUM SATIVUM; SOLANACEAE: SOLANUM TUBEROSUM, LYCOPERSICON ESCULENTUM, CAPSICUM FRUTESCENS; MALVACEAE: GOSSYPIMUM; ROSACEAE: MALUS; OLEACEAE: OLEA EUROPAEA; CUCURBITACEAE: CUCURBITA, CUCUMIS; COMPOSITAE: CYNARA SCOLYMUS; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; AMARYLLIDACEAE: ALLIUM CEPA; PUNICACEAE: PUNICA GRANATUM; CRUCIFERAE: BRASSICA OLEACEA VAR CAPITATA. FIELD, SOIL SALINE SOIL, SODIUM CHLORIDE SALT TOLERANCE, ECOLOGY
1962. SIMONNEAU, P. OBSERVATIONS SUR LA RESISTANCE AU SEL DU COTONNIER. OBSERVATIONS ON THE RESISTANCE OF COTTON TO SALT. (FRE). REVUE FRANCAISE DE L'ORANGER CASABLANCA 166: 43-46, 1946. COTTON MALVACEAE: GOSSYPIMUM. SOIL, FIELD SODIUM CHLORIDE, SALINE SOIL VEGETATIVE GROWTH
1963. SIMONNEAU, P.; AUBERT, G. L'UTILISATION DES EAUX SALEES AU SAHARA. UTILIZATION OF SALINE WATERS IN THE SAHARA. (FRE; ENG SUM). ANN. AGRON. PARIS 14: 859-872, 1963. DATE PALM; CITRUS; COTTON; ALFALFA; CLOVER, SWEET; ASPARAGUS; BEET, LEEK; RADISH; STRAWBERRY; BEAN MALVACEAE: GOSSYPIMUM; LEGUMINOSAE: MEDICAGO SATIVA, PHASEOLUS VULGARIS, MELILOIUS ALBA; PALMACEAE: PHOENIX DACTYLIFERA, LILIACEAE: ASPARAGUS OFFICINALIS; CRUCIFERAE: RAPHANUS SATIVUS; CHENOPODIACEAE: BETA VULGARIS; ROSACEAE: FRAGARIA; RUTACEAE: CITRUS; AMARYLLIDACEAE: ALLIUM CEPA. FIELD, SOIL SODIUM, VARIETY, BRACKISH WATER SALT TOLERANCE
1964. SINCLAIR, W. A.; STONE, E. L. BORON TOXICITY TO PINES SUBJECT TO HOME LAUNDRY WASTE WATER. INTER. SHADE TREE PROC.:



- 71-72. 1974. PINE. SCOTS; PINE. EASTERN WHITE PINACEAE: PINUS STROBUS, PINUS SYLVESTRIS. SOIL, FIELD BORON TOXICITY, LEAF INJURY
1965. SINEL'NIKOVA, V. N. PHYSIOLOGICAL CHANGES IN POTATOES WITH CHLORIDE SALINITY. (RUS; ENG SUM). TRUDY PO PRIKLANOI BOTANIKE GENETIKE I SELEKTSII 53: 163-169. 1974. POTATO SOLANACEAE: SOLANUM TUBEROSUM, SOLANUM CHACOENSE, SOLANUM DEMISSUM, SOLANUM ACAULE, SOLANUM STOLONIFERUM. GREENHOUSE, SOIL, POT SODIUM, CHLORIDE VEGETATIVE GROWTH, TUBER YIELD, NITROGEN UPTAKE, PROTEIN, CARBOHYDRATE, LEAF INJURY, FLOWERING
1966. SINEL'NIKOVA, V. N. SPECIFICS OF THE REACTION OF POTATOES TO CHLORIDE SALINITY AT VARIOUS PHOTO PERIODS. (RUS). BIUL. VSES. LENINA INST. RASTENIEVOD N I VAVILOVA 25: 52-56. 1972. POTATO SOLANACEAE: SOLANUM TUBEROSUM. POT, SOIL SODIUM, CHLORIDE, LIGHT VEGETATIVE GROWTH, TUBER YIELD, STARCH, NITROGEN UPTAKE
1967. SINEL'NIKOVA, V. N.; ROMANOVA, L. V.; UDOVENKO, G. V. EFFECTS OF SALINIZATION AND PHYSIOLOGICALLY ACTIVE SUBSTANCES ON GROWTH AND THE LEVEL OF ENDOGENOUS GROWTH REGULATORS IN POTATO. SOVIET PLANT PHYSIOL. 19: 50-55. 1972. POTATO, SOLANACEAE: SOLANUM TUBEROSUM. GREENHOUSE, SOIL, POT SODIUM, CHLORIDE, GIBBERELIC ACID, GROWTH REGULATOR VEGETATIVE GROWTH
1968. SINEL'NIKOVA, V. N.; SUVOROV, V. V. ONTOGENETIC SENSITIVITY OF SWEETCLOVER SPECIES TO SOIL SALINIZATION. (RUS). ZAP. LENINGR. S.-KH. INST. 226: 39-45. 1974. CLOVER, SWEET; CLOVER, WHITE SWEET; CLOVER, YELLOW SWEET LEGUMINOSAE: MELILOTUS ALBA, MELILOTUS OFFICINALIS, MELILOTUS VOLGICUS, MELILOTUS DENTATUS, MELILOTUS TAURICUS. POT, SOIL SODIUM, CHLORIDE VEGETATIVE GROWTH
1969. SINEL'NIKOVA, V. N.; SUVOROV, V. V.; KHAZOVA, G. V.; KOSHKIN, V. A. PHYSIOLOGICAL CHANGES IN MELILOTUS SPECIES UNDER SALINE CONDITIONS. (RUS). ZAPISKI LENINGRADSKOGO SEL'SKOKHOZYAISTVENNOGO INSTITUTA; REFERATIVNYI ZHURNAL 6.55.623 NO. 267: 24-29. 1975. CLOVER, SWEET LEGUMINOSAE: MELILOTUS. POT, SOIL SODIUM, CHLORIDE VEGETATIVE GROWTH, PHOTOSYNTHESIS, AUXIN, SODIUM UPTAKE, CHLORIDE UPTAKE, PROTEIN, NITROGEN UPTAKE
1970. SINGH, G. SALT TOLERANCE IN PLANTAGO MARITIMA. RES. LIFE SCI. 19: 29-37. 1971. PLANTAIN PLANTAGINACEAE: PLANTAGO MARITIMA. GREENHOUSE, SAND, POT SODIUM, CHLORIDE, SULFATE MINERAL COMPOSITION, ROOT GROWTH, VEGETATIVE GROWTH
1971. SINGH, H. G.; SHARMA, P. P. RESPONSE OF TOBACCO (NICOTIANA RUSTICA L.) TO BRACKISH WATER. INDIAN J. AGRIC. SCI. 41: 697-699. 1971. TOBACCO SOLANACEAE: NICOTIANA RUSTICA. SOIL, FIELD PLOT BRACKISH WATER CROP QUALITY
1972. SINGH, H.; DARRA, B. L. INFLUENCE OF PRE-SOAKING OF SEEDS WITH GIBBERELIN AND AUXINS ON GROWTH AND YIELD ATTRIBUTES OF WHEAT (TRITICUM AESTIVUM L.) UNDER HIGH SALINITY, SODIUM ADSORPTION RATIO AND BORON LEVELS. INDIAN J. AGRIC. SCI. 41: 998-1003. 1971. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL SEED PRETREATMENT, INDOLEACETIC ACID, GIBBERELIC ACID, INDOLEBUTYRIC ACID, NAPHTHALENEACETIC ACID, AUXINS, GROWTH HORMONE, SODIUM ADSORPTION RATIO, BORON VEGETATIVE GROWTH
1973. SINGH, H.; DARRA, B. L.; JAIN, N. ROLE OF SOME PHYTOHORMONES AS A PRESOAKING SEED TREATMENT ON GROWTH AND YIELD ATTRIBUTES OF WHEAT (TRITICUM AESTIVUM L.) IRRIGATED WITH SALINE-ALKALI WATER IN CONJUNCTION WITH DIFFERENT LEVELS OF BORON. ANN. ARID. ZONE 13: 84-93. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL SEED PRETREATMENT, GROWTH HORMONE, GIBBERELIC ACID, INDOLEACETIC ACID, INDOLEBUTYRIC ACID, NAPHTHALENEACETIC ACID, BORON, SODIUM, CHLORIDE, CALCIUM, MAGNESIUM VEGETATIVE GROWTH
1974. SINGH, K. N.; DAYANAND. RELATIVE PERFORMANCE OF HIGH YIELDING VARIETIES OF WHEAT ON MODERATELY SALINE SOIL. INDIAN J. AGRON. 21: 308. 1976. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL, FIELD PLOT VARIETY, SALINE SOIL
1975. SINGH, K. N.; JOSHI, Y. C.; SINGH, T. N. IN SALINE SODIC SOILS: RAYA BETTER THAN OTHER OIL SEED CROPS. INDIAN FARMING 24: 9, 23. 1974. RAYA; SAFFLOWER; TARAMIRA; MUSTARD CRUCIFERAE: BRASSICA JUNCEA, ERUCA SATIVA; COMPOSITAE: CARTHAMUS TINCTORIUS. FIELD PLOT, SOIL VARIETY, SODIC SOIL, SALINE SOIL SALT TOLERANCE
1976. SINGH, K. N.; SARIN, M. N.; SINGH, T. N.; MISHRA, B. IN SALINE-SODIC SOILS: BETTER SUBSTITUTE BAURA FOR PADDY.

- INDIAN FARMING 23: 5-6. 1973. MILLET, PEARL: SORGHUM GRAMINEAE: SORGHUM VULGARE, PENNISETUM TYPHOIDES. SOIL, FIELD PLOT VARIETY, SALINE SOIL, SODIC SOIL SALT TOLERANCE
1977. SINGH, K. N.; SINGH, T. N.; MISHRA, B.; JOSHI, Y. C. EFFECT OF SALINE-SODIC SOIL ON SOME QUANTITATIVE CHARACTERS OF DIFFERENT GENOTYPES IN INDIAN MUSTARD (BRASSICA JUNCEA L. CZERN AND COSS). INDIAN J. AGRIC. RES. 8: 249-255. 1974. MUSTARD CRUCIFERAE: BRASSICA JUNCEA. SOIL, FIELD PLOT VARIETY, SALINE SOIL, SODIC SOIL GENETIC INTERACTION, INHERITANCE
1978. SINGH, K.; MANGEL, J. L. EFFECT OF SALINITY ON VEGETATIVE GROWTH, FLOWERING, AND FRUITING OF OKRA (ABELMOSCHUS ESCULENTUS (L.) MOENCH). HARYANA J. HORT. SCI. 3: 210-217. 1974. OKRA MALVACEAE: ABELMOSCHUS ESCULENTUS. POT. SOIL SODIUM, CHLORIDE, SULFATE VEGETATIVE GROWTH, FRUITING, GERMINATION
1979. SINGH, M.; LAL, P. SALT TOLERANCE OF SEEDS OF BLACK-GRAM (PHASEOLUS MUNGO POXB.) DURING GERMINATION STAGE. INDIAN J. AGRIC. SCI. 42: 135-139. 1972. GRAM, BLACK LEGUMINOSAE: PHASEOLUS MUNGO. GERMINATION DISHES SODIUM, CHLORIDE, SODIUM ADSORPTION RATIO, SEED PRETREATMENT GERMINATION, SALT TOLERANCE
1980. SINGH, M.; LAL, P.; SINGH, K. S. PRELIMINARY STUDIES ON THE SALT TOLERANCE OF MOONG (PHASEOLUS AUREUS, ROXB. VAR RS-5) SEEDS AT GERMINATION STAGE. ANN. ARID ZONE 10: 255-260. 1971. BEAN, MUNG LEGUMINOSAE: PHASEOLUS AUREUS. GERMINATION DISHES, SAND SEED PRETREATMENT, SODIUM, CHLORIDE, POTASSIUM, INDOLEACETIC ACID GERMINATION
1981. SINGH, M.; LAL, P.; SINGH, K. S. A PRELIMINARY STUDY ON THE INDUCEMENT OF SALT TOLERANCE IN GUAR (CYAMOPSIS TETRAGONALOBUS) VAR. CHIKNA AT GERMINATION STAGE. AGROCHIMICA 20: 88-92. 1976. GUAR LEGUMINOSAE: CYAMOPSIS TETRAGONALOBUS. GERMINATION DISHES SODIUM ADSORPTION RATIO, SODIUM, CHLORIDE, MAGNESIUM, SULFATE, INDOLEACETIC ACID, SEED PRETREATMENT GERMINATION
1982. SINGH, N. P.; DASTANE, N. G. NOTE ON SALT TOLERANCE OF NEW WHEAT STRAINS DURING GERMINATION INDIAN J. AGRIC. 15: 84-85. 1970. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GREENHOUSE, POT VARIETY, BRACKISH WATER GERMINATION
1983. SINGH, P. P. INFLUENCE OF LIGHT INTENSITY, FERTILIZERS AND SALINITY ON OXALATE AND MINERAL CONCENTRATION OF TWO VEGETABLES (CHENOPODIUM ALBUM L. AND CHENOPODIUM AMARANTHICOLOR L.). CUAL. PLANT FOODS HUM. NUTR. 24: 115-126. 1975. PIGWEED; GOOSEFOOT CHENOPODIACEAE: CHENOPODIUM ALBUM, CHENOPODIUM AMARANTHICOLOR. POT, SOIL LIGHT, SODIUM, CHLORIDE, FERTILIZER OXALATE, MINERAL COMPOSITION
1984. SINGH, R. N.; SINGH, J. R. STUDIES ON THE INFLUENCE OF BORON NUTRITION ON THE GROWTH CHARACTERISTICS OF GARLIC (ALLIUM SATIVUM L.). INDIAN J. HORT. 31: 255-258. 1974. GARLIC AMARYLLIDACEAE: ALLIUM SATIVUM. SAND TANK, SAND BORON TOXICITY, VEGETATIVE GROWTH
1985. SINGH, R. S. INFLUENCE OF SOIL SALINITY ON PRODUCTION OF SEED AND ESSENTIAL OIL CONTENT OF DILL (ANETHUM GRAVEOLENS L.). INDIAN OIL SEAP J. 36: 243-245. 1971. DILL UMBELLIFERAE: ANETHUM GRAVEOLENS. GERMINATION DISHES, POT, SOIL SODIUM, CHLORIDE, CALCIUM GERMINATION, SEEDLING GROWTH, OIL YIELD
1986. SINGH, S.; RAI, R. N. EFFECT OF SALINITY, ALKALINITY, PHOSPHATE, AND AGE OF PLANTS ON MINERALISATION OF NITROGEN FROM SESBANIA ACULEATA AND MELILOtus ALBA AFTER THEIR INCORPORATION IN SOIL. J. INDIAN SOC. SOIL SCI. 23: 122. 1975. CLOVER, WHITE SWEET LEGUMINOSAE: MELILOtus ALBA, SESBANIA ACULEATA. SOIL, POT, GREENHOUSE SODIUM, CHLORIDE, SALINE SOIL, ALKALINE SOIL, BICARBONATE, PHOSPHATE, FERTILIZER NITROGEN MINERALIZATION
1987. SINGH, T. M. TOXICITY OF "ALKALI" SALTS. SOIL SCI. 6: 463-477. 1918. WHEAT; PEA GRAMINEAE, TRITICUM AESTIVUM, LEGUMINOSAE: PISUM SATIVUM. GREENHOUSE, SOIL SODIUM, CHLORIDE, NITRATE, CARBONATE, SULFATE NITROGEN FIXATION, TOXICITY, AMMONIFICATION, NITRIFICATION
1988. SINGH, T. N. ALKALI TOLERANCE OF SOME HYBRIDS OF PEARL MILLET. INDIAN J. PLANT PHYSIOL. 19: 147-153. 1976. MILLET, PEARL GRAMINEAE: PENNISETUM TYPHOIDES. POT, GREENHOUSE EXCHANGEABLE SODIUM PERCENTAGE GRAIN YIELD, GERMINATION, SEED WEIGHT, VEGETATIVE GROWTH

1989. SINGH, T. N.; SINGH, O. P. TOLERANCE TO DWARF RICE VARIETIES TO HIGH PH AND EXCHANGEABLE SODIUM. GEOPHYTOLOGY 6: 308-314. 1976. RICE GRAMINEAE: ORYZA SATIVA. POT. SOIL SODIUM, BICARBONATE, EXCHANGEABLE SODIUM PERCENTAGE GRAIN YIELD, VEGETATIVE GROWTH, SEEDLING GROWTH
1990. SINHA, B. K.; DEV, G. STUDIES ON SODIUM WATER FOR IRRIGATION: EFFECT OF ADDITION OF CATIONS: K, CA OR MG. J. RES. PUNJAB AGRIC. UNIV. 9: 40-49. 1972. CLOVER, BERSEEM LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. GREENHOUSE, SOIL, POT FERTILIZER, SODIUM, POTASSIUM, CALCIUM, MAGNESIUM VEGETATIVE GROWTH, SODIUM UPTAKE
1991. SINHA, B. K.; SINGH, N. T. CHLORIDE ACCUMULATION NEAR CORN ROOTS UNDER DIFFERENT TRANSPIRATION, SOIL MOISTURE, AND SOIL SALINITY REGIMES. AGRON. J. 68: 346-348. 1976. CORN GRAMINEAE: ZEA MAYS. SOIL, POT SOIL MOISTURE, SODIUM, CHLORIDE WATER UPTAKE, TRANSPIRATION, CHLORIDE UPTAKE
1992. SINHA, B. K.; SINGH, N. T. SALT DISTRIBUTION AROUND ROOTS OF WHEAT UNDER DIFFERENT TRANSPIRATION RATES. PLANT SOIL 44: 141-147. 1976. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SOIL TRANSPIRATION, SODIUM, CHLORIDE SALT DISTRIBUTION, SODIUM UPTAKE, CHLORIDE UPTAKE
1993. SINHA, T. S.; DUTT, S. K. SALT-RESISTANT "DAMODAR" OUTYIELDS "JAYA" AND "I R 8". INDIAN FARMING 24: 19. 1974. RICE GRAMINEAE: ORYZA SATIVA. SOIL, FIELD PLOT VARIETY, SALINE SOIL SALT TOLERANCE
1994. SINHA, T. S.; DUTTA, S. K. VARIETAL DIFFERENCES OF RICE TO SALT TOLERANCE AT GERMINATION. CURR. SCI. 43: 518-519. 1974. RICE GRAMINEAE: ORYZA SATIVA. GERMINATION DISHES VARIETY, SODIUM, CHLORIDE GERMINATION
1995. SKINNER, J. J.; ALLISON, F. E. INFLUENCE OF FERTILIZERS CONTAINING BORAX ON THE GROWTH AND FRUITING OF COTTON. J. AGRIC. RES. 23: 433-445. 1923. COTTON MALVACEAE: GOSSYPIMUM. FIELD PLOT, SOIL FERTILIZER, BORON VEGETATIVE GROWTH, FRUITING
1996. SKINNER, J. J.; BROWN, B. E.; REID, F. R. THE EFFECT OF BORAX ON THE GROWTH AND YIELD OF CROPS. USDA BULL. 1126. 31 P. 1923. BEAN, LIMA; BEAN, SNAP; POTATO; CORN; COTTON LEGUMINOSAE: PHASEOLUS VULGARIS, PHASEOLUS LIMENSIS; GRAMINEAE: ZEA MAYS; MALVACEAE: GOSSYPIMUM; SOLANACEAE: SOLANUM TUBEROSUM. SOIL, FIELD PLOT BORON VEGETATIVE GROWTH, LEAF INJURY
1997. SKIRDE, W. ERGEBNISSE ZUR SALZTOLERANZ VON GRASERSORTEN. RESULTS OF SALT TOLERANCE TESTS WITH DIFFERENT GRASS VARIETIES. (GER; ENG SUM). RASEN, TURF, GAZON 1: 12-14. 1970. BENTGRASS, VELVET; BENTGRASS, CREEPING; BENTGRASS, HIGHLAND; FESCUE, SHEEP; FESCUE, RED; RYEGRASS, PERENNIAL; BLUEGRASS, KENTUCKY; ALKALI GRASS GRAMINEAE: AGROSTIS CANINA, AGROSTIS STOLONIFERA, AGROSTIS TENUISS, FESTUCA OVINA, FESTUCA RUBRA, FESTUCA VALLESIIACA, LOLIUM PERENNE, POA PRATENSIS, PUCCINELLIA DISTANS. POT. SOIL VARIETY, SODIUM, CHLORIDE SALT TOLERANCE
1998. SKOGQVIST, I. DIE EINWIRKUNG VON CHLORAMPHENICOL, ETHANOL, KINETIN UND OLIGOMYCIN AUF SALZEMPFLINDLICHKEIT UND ATP-GEHALT VON WEIZENWURZELN. EFFECT OF CHLORAMPHENICOL, ETHANOL, KINETIN, AND OLIGOMYCIN ON SALT SENSITIVITY AND ADENOSINE TRIPHOSPHATE CONTENT OF WHEAT ROOTS. (GER; ENG SUM). ZEITSCH. FUR PFLANZENPHYSIOL. 72: 297-304. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE CHLORAMPHENICOL, ETHANOL, KINETIN, OLIGOMYCIN, SODIUM, CHLORIDE, ADENOSINE TRIPHOSPHATE ROOT GROWTH, SALT TOLERANCE
1999. SKOGQVIST, I. INDUCTION AND THERMOSENSITIVITY IN WHEAT ROOTS: SALT SENSITIVITY AND EFFECTS OF CHLORAMPHENICOL AND ETHANOL. PHYSIOL. PLANT. 28: 77-80. 1973. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, WATER CULTURE TEMPERATURE, CHLORAMPHENICOL, IODIDE, BROMIDE, SODIUM, POTASSIUM, CHLORIDE SALT TOLERANCE, VEGETATIVE GROWTH
2000. SKORPIL, M.; POLACH, J. THE EFFECT OF INCREASED LEVEL OF SALT IN SOILS ON THE GROWTH OF VEGETABLES. (CZE). AGROCHEMIA (BRATISLAVA) 7: 302-308. 1967. SOIL SODIUM, CHLORIDE VEGETATIVE GROWTH
2001. SLATYER, R. O. EFFECTS OF SEVERAL OSMOTIC SUBSTRATES ON THE WATER RELATIONSHIPS OF TOMATO. AUST. J. BIOL. SCI. 14: 519-542. 1961. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. WATER CULTURE, POT POTASSIUM, NITRATE, SODIUM.

CHLORIDE, MANNITOL, SUCROSE TURGIDITY, DIFFUSION PRESSURE DEFICIT, OSMOTIC POTENTIAL, TRANSPIRATION, VEGETATIVE GROWTH

2002. SLOANE, R. T. A SALT RESISTANT ROOTSTOCK FOR APRICOT AND JAPANESE PLUM. IN: SALINITY SYMPOSIUM, MILDURA, VICTORIA. WORKING PAPERS: 6(3)-6(3)5. 1971. APRICOT; PLUM ROSACEAE: PRUNUS ARIENIACA, PRUNUS DOMESTICA. SOIL, FIELD SALINE SOIL, ROOTSTOCK SEEDLING GROWTH, SALT TOLERANCE
2003. SLONOV, L. KH. INFLUENCE OF TRACE ELEMENTS ON THE PHYSICO-CHEMICAL PROPERTIES OF THE BIOCOLLOIDS OF PLANT CELL PROTOPLASM UNDER CONDITIONS OF SALINIZATION. SOVIET PLANT PHYSIOL. 13: 899-903. 1966. SUNFLOWER; MILLET. AFRICAN GRAMINEAE: ELEUSINE CORACANA; COMPOSITAE: HELIANTHUS ANNUUS. GREENHOUSE, SOIL, FIELD, POT BORON, MANGANESE, ALUMINUM, ZINC, FERTILIZER MINERAL COMPOSITION, BIOCOLLOIDS
2004. SMETANIN, A. P.; DOLGIKH, L. V. SALT TOLERANCE OF RICE AT DIFFERENT STAGES OF GROWTH. (RUS). DOLK. VSES AKAD. SEL'-KHOZ. NAUK. 11: 9-11. 1966. RICE GRAMINEAE: ORYZA SATIVA. GERMINATION DISHES, SOIL VARIETY, CHLORIDE, SULFATE GERMINATION, VEGETATIVE GROWTH, ROOT GROWTH, SEED WEIGHT, GRAIN YIELD
2005. SMIDT, R. E.; WHITTON, J. S. NOTE ON BORON TOXICITY IN A STAND OF RADIATA PINE IN HAWKES BAY. NEW ZEALAND J. SCI. 18: 109-114. 1975. PINE, MONTEREY PINACEAE: PINUS RADIATA. FIELD, SOIL BORON LEAF INJURY, ECOLOGY
2006. SMIRNOV, D. S. PECULIARITIES IN THE DEVELOPMENT OF FLAX UNDER THE INFLUENCE OF AN INCREASED OSMOTIC PRESSURE OF THE SOIL SOLUTION. EXPT. STA. REC. 59: 418-419. 1926. FLAX LINACEAE: LINUM USITATISSIMUM. SOIL OSMOTIC PRESSURE, SODIUM, CHLORIDE, CALCIUM, POTASSIUM VEGETATIVE GROWTH
2007. SMITH, C. A.; HUBBARD, C. E. NOTES ON AFRICAN GRASSES. IX. SOME SALINE-LIVING GRASSES OCCURRING IN SOUTH AFRICA. BULL. MISC. INF. KEW.: 83-87. 1929. GRASS; SALTBUSH GRAMINEAE: PUCCINELLIA ANGUSTA, PUCCINELLIA ACROXANTHA, BROMUS UNIOLOIDES, BROMUS JAPONICUS; CHENOPODIACEAE: ATRIPLEX CAPENSIS, SALSOLA STROBILIFORMIS; AIZOACEAE: MESEMBRYANTHEMUM CRYSTALLINUM, MESEMBRYANTHEMUM GENICULIFLORUM, GALENIA SARCOPHYLLA, HYPERTELIS VERRUCOSA; COMPOSITAE: PICRIS ECHIOIDES. SOIL, FIELD SALINE SOIL VEGETATIVE GROWTH
2008. SMITH, H. V. BORON AS A FACTOR IN ARIZONA'S AGRICULTURE. ARIZ. AGRIC. EXPT. STA. TECH. BULL. 118: 391-435. 1949. FRUIT TREE; VEGETABLE; LEGUME, TREE SOIL, FIELD BORON BORON FIXATION, TOXICITY, BORON UPTAKE
2009. SMITH, J. G. FORAGE CROPS FOR CULTIVATION ON ALKALI SOILS. USDA YEARBOOK: 535-550. 1898. FORAGE CROP FIELD, SOIL ALKALINE SOIL ECOLOGY
2010. SMITH, W. H. SALT CONTAMINATION OF WHITE PINE PLANTED ADJACENT TO AN INTERSTATE HIGHWAY. PLANT DIS. REP. 54: 1021-1025. 1970. PINE, WHITE PINACEAE: PINUS STROBUS. FIELD, SOIL SODIUM, CHLORIDE, CALCIUM, DILUING SALT ECOLOGY
2011. SNELL, W. H.; HOWARD, N. O. NOTES ON CHEMICAL INJURIES TO THE EASTERN WHITE PINE (PINUS STROBUS L.). PHYTOPATH. 12: 362-368. 1922. PINE, WHITE PINACEAE: PINUS STROBUS. FIELD, SOIL CALCIUM, CHLORIDE TOXICITY, LEAF INJURY
2012. SOKOLOV, A. SIGNIFICANCE OF SOIL TYPE AND OF ITS MECHANICAL COMPOSITION FOR THE SENSITIVITY OF PLANTS TO CHLORINE. (RUS; ENG SUM). PEDOLOGY 3: 326-339. 1934. FLAX; HEMP; BUCKWHEAT; POTATO; COTTON; DIGITALIS; LUPINE LINACEAE: LINUM USITATISSIMUM; MORACEAE: CANNABIS; POLYGONACEAE: FAGOPYRUM ESCULENTUM; SOLANACEAE: SOLANUM TUBEROSUM; MALVACEAE: COSSYPIUM; SCROPHULARIACEAE: DIGITALIS; LEGUMINOSAE: LUPINUS. SOIL CHLORIDE, SOIL TYPE SALT TOLERANCE
2013. SOKOLOV, A. V. EFFECT OF CHLORIDES ON BUCKWHEAT AND SUNFLOWER. (RUS; ENG SUM). TRANS. SCI. INST. FERT. INSECTOFUNGICIDES (USSR) 136: 47-54. 1937. BUCKWHEAT; SUNFLOWER POLYGONACEAE: FAGOPYRUM ESCULENTUM; COMPOSITAE: HELIANTHUS ANNUUS. POT, SOIL CHLORIDE, CALCIUM SALT TOLERANCE
2014. SOL, H. H. PRETREATMENT AND CHLORIDE UPTAKE IN VALLISNERIA LEAVES. INFLUENCE OF LIGHT, SUGAR SALTS, AND PH ON

- SUBSEQUENT CHLORIDE ACCUMULATION. ACTA BOT. NEERL. 7: 131-173. 1958. VALLISNERIA HYDROCHARITACEAE: VALLISNERIA SPIRALIS. CLAY, WATER CULTURE SODIUM, SEED PRETREATMENT, LIGHT, SUGAR, CHLORIDE, CALCIUM, MAGNESIUM, SULFATE, POTASSIUM, NITRATE CHLORIDE UPTAKE
2015. SOLOV'EV, V. A. DISTRIBUTION AND REDISTRIBUTION OF SODIUM IN PUMPKIN PLANTS IN RELATION TO OXYGEN SUPPLY OF THE ROOTS. SOVIET PLANT PHYSIOL. 15: 691-696. 1968. PUMPKIN CUCURBITACEAE: CUCURBITA PEPO. WATER CULTURE SODIUM, CHLORIDE, OXYGEN SODIUM UPTAKE
2016. SOLOV'EV, V. A. DISTRIBUTION OF CATIONS IN PLANTS DEPENDING ON THE DEGREE OF SALINIZATION OF THE SUBSTRATE. SOVIET PLANT PHYSIOL. 16: 412-417. 1969. SQUASH; CLOVER, SWEET LEGUMINOSAE: MELILOTUS ALBA; CUCURBITACEAE: CUCURBITA PEPO. WATER CULTURE SODIUM, CHLORIDE SODIUM UPTAKE, CALCIUM UPTAKE, POTASSIUM UPTAKE, VEGETATIVE GROWTH
2017. SOLOV'EV, V. A. THE EFFECT OF HIGH CONCENTRATIONS OF NaCl ON UPTAKE AND DISTRIBUTION OF POTASSIUM AND SODIUM IN PUMPKIN PLANTS. SOVIET PLANT PHYSIOL. 13: 283-287. 1966. PUMPKIN CUCURBITACEAE: CUCURBITA PEPO. SAND, POT SODIUM, CHLORIDE SODIUM UPTAKE, POTASSIUM UPTAKE
2018. SOLOV'EV, V. A. ON INDIVIDUAL SALT RESISTANCE OF FORMATIVE PROCESSES IN TOMATOES. SOVIET PLANT PHYSIOL. 7: 183-185. 1960. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. POT, SOIL SODIUM, CHLORIDE, SULFATE, GROWTH STAGE MORPHOLOGY, VEGETATIVE GROWTH, LEAF INJURY
2019. SOLOV'EV, V. A. PLANT GROWTH AND WATER AND MINERAL ELEMENT SUPPLY UNDER CONDITIONS OF NaCl SALINIZATION. SOVIET PLANT PHYSIOL. 16: 722-727. 1969. PUMPKIN CUCURBITACEAE: CUCURBITA PEPO. WATER CULTURE SODIUM, CHLORIDE VEGETATIVE GROWTH, MINERAL UPTAKE
2020. SOLOV'EV, V. A. SUPPRESSION OF GROWTH IN PUMPKIN PLANTS UNDER THE INFLUENCE OF SODIUM CHLORIDE. SOVIET PLANT PHYSIOL. 16: 111-113. 1969. PUMPKIN CUCURBITACEAE: CUCURBITA PEPO. WATER CULTURE, GROWTH CHAMBER SODIUM, CHLORIDE VEGETATIVE GROWTH, SODIUM UPTAKE
2021. SON, W. H. STUDIES ON SALT INJURIES OF SEEDLING GROWTH- SAND MEDIA EFFECT OF VARIOUS CONCENTRATION OF ADDED SALTS UPON 3 KINDS OF SEEDLINGS. (KOR; ENG SUM). KOREAN FOREST SOC. J. 12: 3-10. 1968. FIR, NEEDLE; PINE, JAPANESE BLACK; PINE, JAPANESE RED; PINE, KOREAN PINACEAE: PINUS THUNBERGII, PINUS DENSIFLOPA, PINUS KORAIENSIS, ABIES HOLOPHYLLA, PINUS RIGIDA. SAND SODIUM, CHLORIDE VEGETATIVE GROWTH SALT TOLERANCE
2022. SONNEVELD, C.; ENDE, J. VAN DEN DE INVLOED VAN ZOUT GIETWATER BIJ DE SLA-EELT ONDER GLAS. THE INFLUENCE OF SPRINKLING SALINE WATER ON LETTUCE GROWN UNDER GLASS. (DUT). TUINBOUWMEDEDELINGEN 32: 139-148. 1969. LETTUCE COMPOSITAE: LACTUCA SATIVA. GREENHOUSE, SOIL, FIELD SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, SULFATE, BICARBONATE LEAF INJURY
2023. SONNEVELD, C.; ENDE, J. VAN DEN DE INVLOED VAN ZOUT GIETWATER BIJ DE TOMATE-EELT ONDER GLAS. THE INFLUENCE OF SPRINKLING SALINE WATER ON TOMATOES UNDER GLASS. (DUT). PEDRIJFSONTWIKKELING 2: 43-52. 1971. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. GREENHOUSE, SOIL SODIUM, CALCIUM, MAGNESIUM, CHLORIDE, SULFATE, BICARBONATE MINERAL COMPOSITION
2024. SONNEVELD, C.; ENDE, J. VAN DEN THE EFFECT OF SOME SALTS ON HEAD WEIGHT AND TIFBURN OF LETTUCE AND ON FRUIT PRODUCTION AND BLOSSOM-END ROT OF TOMATOES. NETH. J. AGRIC. SCI. 23: 191-201. 1975. TOMATO; LETTUCE SOLANACEAE: LYCOPERSICON ESCULENTUM; COMPOSITAE: LACTUCA SATIVA. POT, SOIL, GREENHOUSE SODIUM, BICARBONATE, CHLORIDE, POTASSIUM, CALCIUM, MAGNESIUM, NITRATE, SULFATE LEAF INJURY
2025. SONNEVELD, C.; VAN BEUSEKOM, J. DE INVLOED VAN ZOUT GIETWATER BIJ DE TEELT VAN PEPPER AN PAPRIKA ONDER GLAS. THE INFLUENCE OF SALINE SPRINKLING WATER ON THE CULTURE OF PEPPER AND PAPRIKA UNDER GLASS. (DUT; ENG SUM). OVERDRUK UIT LANDBOUWKUNDIG TIJDSCHRIFT PT 86-9: 241-246. 1974. PEPPER SOLANACEAE: CAPSICUM FRUTESCENS. GREENHOUSE SODIUM, CHLORIDE MINERAL COMPOSITION, LEAF INJURY



2026. SONNEVELD, C.; VAN BEUSEKOM, J. THE EFFECT OF SALINE IRRIGATION WATER ON SOME VEGETABLES UNDER GLASS. ACTA HORT. 35: 75-89. 1974. LETTUCE; TOMATO; CUCUMBER; SPINACH SOLANACEAE: LYCOPERSICON ESCULENTUM; CUCURBITACEAE: CUCUMIS SATIVUS; COMPOSITAE: LACTUCA SATIVA; CHENOPODIACEAE: SPINACIA OLEACEA. GREENHOUSE, SOIL SODIUM, CHLORIDE, CALCIUM, SULFATE, MAGNESIUM, BICARBONATE CROP QUALITY
2027. SOROUR, F. A.; LASHIN, M. H.; FAKHRI, S.; BARAKAT, M. A. EFFECT OF NITROGEN LEVEL UNDER DIFFERENT SALINITY CONDITIONS ON THE YIELD AND LEAF REDDENING IN COTTON. LIBYAN J. AGRIC. 3: 33-37. 1974. COTTON MALVACEAE: GOSSYPIMUM. SOIL, POT SODIUM, CHLORIDE, CALCIUM, NITROGEN, FERTILIZER LEAF INJURY
2028. SOWELL, W. F.; ROUSE, R. D. EFFECT OF NA ON CATION CONTENT OF LEAVES AND BOLL PRODUCTION OF COTTON PLANTS GROWN IN SOLUTION CULTURES IN GROWTH CHAMBERS. SOIL SCI. 86: 70-74. 1958. COTTON MALVACEAE: GOSSYPIMUM. WATER CULTURE, GROWTH CHAMBER SODIUM, CALCIUM, AERATION, POTASSIUM, MAGNESIUM BOLL PRODUCTION, MINERAL COMPOSITION
2029. SPARKS, D.; PAYNE, J. A. BUD BREAK IN PECAN FOLLOWING BORON TOXICITY. HORTSCIENCE 11: 494. 1976. PECAN JUGLANDACEAE: CARYA ILLINOINENSIS. FIELD PLOT, SOIL BORON TOXICITY, BUD BREAK
2030. SPOTTS, R. A.; ALTMAN, J.; STALEY, J. M. SOIL SALINITY RELATED TO PONDEROSA PINE TIPBURN. PHYTOPATH. 62: 705-708. 1972. PINE, PONDEROSA PINACEAE: PINUS PONDEROSA. POT, SOIL, PEAT, SAND SODIUM, CHLORIDE, SULFATE, BICARBONATE, CALCIUM, MAGNESIUM LEAF INJURY, CHLORIDE UPTAKE
2031. SPRAGUE, R. W. THE ECOLOGICAL SIGNIFICANCE OF BORON. THE ECOLOGICAL SIGNIFICANCE OF BORON, WARD RITCHIE PRESS, LOS ANGELES. 58 PP. 1972. BORON TOLERANCE
2032. SPRINGFIELD, H. W. GERMINATION OF FOURWING SALTBUSH SEEDS AT DIFFERENT LEVELS OF MOISTURE STRESS. AGRON. J. 58: 149-150. 1966. SALTBUSH, FOURWING CHENOPODIACEAE: ATRIPLEX CANESCENS. GERMINATION DISHES WATER STRESS, MANNITOL, TEMPERATURE GERMINATION
2033. SRINIVASAN, S. T.; SRINIVASAN, V. A HIGH YIELDING ALKALI RESISTANT STRAIN OF PADDY. MADRAS AGRIC. J. 51: 386-389. 1964. RICE GRAMINEAE: ORYZA SATIVA. SOIL, FIELD ALKALINE SOIL SALT TOLERANCE
2034. SRIVASTAVA, A. K.; SHARMA, V. K.; AHUJA, K. L. EFFECT OF SALT STRESS ON SEED GERMINATION AND SURVIVAL OF SOYBEAN SEEDLINGS. TROP. ECOL. 13: 27-30. 1972. SOYBEAN LEGUMINOSAE: GLYCINE MAX. GERMINATION DISHES SODIUM, CHLORIDE GERMINATION, SEEDLING GROWTH, ROOT GROWTH
2035. SRIVASTAVA, A. K.; SHARMA, V. K.; AHUJA, K. L.; SEKHON, K. S. BIOCHEMICAL BASIS OF SALT STRESS RESISTANCE IN GERMINATING SEEDS OF SOYBEAN (GLYCINE MAX L.). OLEAGINEUX 27: 263-264. 1972. SOYBEAN LEGUMINOSAE: GLYCINE MAX. GERMINATION DISHES SODIUM, CHLORIDE GERMINATION, MINERAL COMPOSITION
2036. SRIVASTAVA, A. K.; SINHA, B. K.; SINGH, O. S.; SHARMA, V. K. EFFECT OF DIFFERENT SODIUM CHLORIDE CONCENTRATIONS IN SOIL AND CULTURE SOLUTION UPON GROWTH AND DEVELOPMENT OF MAIZE. TROP. ECOL. 11: 69-74. 1970. CORN GRAMINEAE: ZEA MAYS. SOIL, WATER CULTURE, POT SODIUM, CHLORIDE VEGETATIVE GROWTH, SODIUM UPTAKE, POTASSIUM UPTAKE
2037. STALEY, J. M. CHLORIDE TOXICITY IN PINE. METRO HORT. 4: 1-2. 1969. PINE, PONDEROSA; PINE, AUSTRIAN PINACEAE: PINUS NIGRA, PINUS PONDEROSA.
2038. STALEY, M. M.; ALTMAN, M. J.; SPOTTS, R. A. A SODIUM-LINKED DISEASE OF PONDEROSA PINE IN DENVER, COLORADO. PLANT DIS. REPT. 52: 908-910. 1968. PINE, PONDEROSA PINACEAE: PINUS PONDEROSA. FIELD, SOIL SODIUM LEAF INJURY, SODIUM UPTAKE
2039. STALTER, P. VEGETATION IN COASTAL DUNES OF SOUTH CAROLINA. CASTANEA 39: 95-103. 1974. NATIVE VEGETATION: SALTBUSH ONAGRACEAE: OENOTHERA HUMIFUSA, OENOTHERA DRUMMONDII; CACTACEAE: OPUNTIA DRUMMONDII; AMARANTHACEAE: AMARANTHUS PUMILUS; GENTIANACEAE: SABATIA STELLARIS; VERBENACEAE: LIPPIA LANCEOLATA; GRAMINEAE: UNIOLA PANICULATA, CENCHRUS, SPARTINA PATENS, DIGITARIA, CYNODON DACTYLON, MUHLENBERGIA CAPILLARIS, ANDROPOGON VIRGINICUS, TRIPLASIS PURPUREA:

RUBIACEAE: DIODIA TERES; EUPHORBIACEAE: EUPHORBIA POLYGONIFOLIA, CROTON PUNCTATUS; COMPOSITAE: HETEROTHECA SUBAXILLARIS, IVA IMBRICATA, ERIGERON CANADENSIS, SOLIDAGO SEMPERVIRENS, LEGUMINOSAE: STROPHOSTYLES HELVOLA; PLUMBAGINACEAE: LIMONIUM CAROLINIANUM; UMBELLIFERAE: HYDROCOTYLE BONARIENSIS; SOLANACEAE: PHYSALIS VISCOSA; CRUCIFERAE: CAKILE EDENTULA; AGAVACEAE: YUCCA ALOIFOLIA; CHENOPODIACEAE: SALSOLA KALI, ATRIPLEX PATULA; LILIACEAE: SMILAX BONA-NOX. SAND, SOIL, FIELD SALT SPRAY ECOLOGY

2040. STEFAN, K. UBER EINEN SCHADENSFALL AN FICHTEN DURCH STPASSENSALZ. ON THE INJURY TO SPRUCE FROM STREET SALTING. (GER). ALLG. FORSTZTG. 81: 254. 1970. SPRUCE PINACEAE: PICEA. FIELD, SOIL DEICING SALT, SODIUM, CHLORIDE CHLORIDE UPTAKE, LEAF INJURY
2041. STELZER, R.; LAUCHLI, A. SALZ UND UBERFLUTUNGSTOLERANZ VON PUCCINELLIA PISONIS. I. DER EINFLUSS VON NaCl UND KCl SALINITAT AUF DAS WACHSTUM BEI VARIIRTER SAUERSTOFFVERSORGUNG DER WURZEL. SALT AND FLOODING TOLERANCE OF PUCCINELLIA PISONIS. I. EFFECT OF NaCl AND KCl SALINITY ON GROWTH AT VARIED OXYGEN SUPPLY TO THE ROOT. (GER; ENG SUM). Z. PFLANZENPHYSIOL. 83: 35-42. 1977. GRAMINEAE: PUCCINELLIA PISONIS. WATER CULTURE OXYGEN, SODIUM, POTASSIUM, CHLORIDE VEGETATIVE GROWTH
2042. STERN, W. L.; VOIGT, G. K. EFFECT OF SALT CONCENTRATION ON GROWTH OF RED MANGROVE IN CULTURE. BOT. GAZ. 121: 36-39. 1959. MANGROVE RHIZOPHORACEAE: RHIZOPHORA MANGLE. SAND, POT, GREENHOUSE SODIUM, MAGNESIUM, CALCIUM, POTASSIUM VEGETATIVE GROWTH
2043. STEWART, A. E. ESTABLISHING VEGETATIVE COVER WITH SALINE WATER. N. MEX. ST. UNIV. AGRIC. EXPT. STA. BULL. 513: 21 PP. 1967. CHAMIZA; CREOSOTE BUSH; TAMARISK; JUNIPER, SHOE; SALT TREE, SIBERIAN; TOMATILLO; WILLOW; MESQUITE; ALKALI SACATON; FESCUE, TALL; BERMUDA GRASS; PANIC GRASS, BLUE; JOHNSON GRASS; SACATON; SALTGRASS; SUDAN GRASS; AFGHANISTAN GRASS; SALTGRASS, MEDITERRANEAN; BARLEY, RYE; ALFALFA; CLOVER, STRAWBERRY; ICE PLANT; HONEYSUCKLE, HALL'S LIPPA; LIPPIA, CREEPING; ROSE, FENDLER WOODS; COTTON. GRAMINEAE: SPOREBOLUS AIROIDES, FESTUCA ARUNDINACEA, CYNODON DACTYLON, PANICUM ANTIDOTALE, SORGHUM HALEPENSE, SPOREBOLUS WRIGHTII, DISTICHLIS STRICTA, SORGHUM VULGARE, AELUROPUS MACROSTACHYUS, AELUROPUS LITTORALIS, HORDEUM VULGARE, SECALE CEREALE; LEGUMINOSAE: MEDICAGO SATIVA, TRIFOLIUM FRAGIFERUM, HALIMODENDRON HALODENDRON, PROSOPIS JULIFLORA; CHENOPODIACEAE: ATRIFLEX CANESCENS; MALVACEAE: GOSSYPIMUM; ZYGOPHYLLACEAE: LARREA TRIDENTATA; TAMARICACEAE: TAMARIX PENTANDRA; CUPRESSACEAE: JUNIPERUS CONFERTA; SOLANACEAE: LYCIUM FREMONTII; SALICACEAE: SALIX EXIGUA; AIZOACEAE: CARPOTRIS EDULIS; CARYOPHYLLACEAE: LONICERA JAPONICA; VERBENACEAE: LIPPIA CANSCENS. FIELD PLOT, SOIL BRACKISH WATER VEGETATIVE GROWTH, SALT TOLERANCE
2044. STEWART, G. R.; LEE, J. A. THE ROLE OF PROLINE ACCUMULATION IN HALOPHYTES. PLANTA 120: 279-289. 1974. HALOPHYTE PLUMBAGINACEAE: ARMERIA MARITIMA; JUNCAGINACEAE: TRIGLOCHIN MARITIMA; COMPOSITAE: ASTER TRIPOLIUM; GRAMINEAE: PUCCINELLIA MARITIMA. WATER CULTURE SODIUM, CHLORIDE PROLINE, ENZYME ACTIVITY
2045. STEWART, J. EFFECT OF ALKALI ON SEED GERMINATION. UTAH AGRIC. EXPT. STA. 9TH ANN. REPT. 26-35. 1898. WHEAT; OATS; RYE; BARLEY; ALFALFA; PEA; CLOVER, RED; CLOVER, WHITE. GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE, AVENA SATIVA, SECALE CEREALE; LEGUMINOSAE: PISUM SATIVUM, MEDICAGO SATIVA, TRIFOLIUM PRATENSE, TRIFOLIUM REPENS. GERMINATION DISHES, SAND SODIUM, CARBONATE, SULFATE, CHLORIDE GERMINATION
2046. STEYN, M. S. DIE INVLOED VAN BRAKBESPROEIJINGSWATER OP KORING EN MIELIES IN LISIMETERPROEWE. DEEL I. THE INFLUENCE OF SALINE WATER ON WHEAT AND MAIZE IN LYSIMETER STUDIES. PART I. (AFR; ENG SUM). S. AFR. J. AGRIC. SCI. 2: 309-327. 1959. WHEAT; CORN. GRAMINEAE: ZEA MAYS, TRITICUM AESTIVUM. SOIL, FIELD SODIUM, CHLORIDE, CARBONATE, CALCIUM WATER UPTAKE
2047. STEYN, M. S. DIE INVLOED VAN BRAKBESPROEIJINGSWATER OP LUSERN IN LISIMETERS. DEEL II. THE INFLUENCE OF SALINE IRRIGATION WATER ON LUCERNE IN LYSIMETERS. PART II. (AFR; ENG SUM). S. AFR. J. AGRIC. SCI. 2: 473-485. 1959. ALFALFA. LEGUMINOSAE: MEDICAGO SATIVA. SOIL, FIELD CALCIUM, SODIUM, CHLORIDE GERMINATION, POTASSIUM UPTAKE, MAGNESIUM UPTAKE
2048. STINO, K. R.; ABDEL AZIZ ABDEL FATTAH, M.; ABDEL-SALAM, A. S.; WARID, W. A.; ELMOFTY, I. A.; ABDEL-GAWWAD, M. M. CHEMICAL CONSTITUENTS OF THE ONION PLANT IN RELATION TO SODIUM CHLORIDE CONCENTRATION AND VARIETY. I. SODIUM,

- POTASSIUM, CHLORIDE. DESERT INST. BULL. A.R.E. 22: 175-191. 1972. ONION AMARYLLIDACEAE: ALLIUM CEPA. SAND. POT SODIUM, CHLORIDE. VARIETY CHLORIDE UPTAKE. POTASSIUM UPTAKE. SODIUM UPTAKE
2049. STINO, K. R.; ABDEL AZIZ ABDEL FATTAH, M.; ABDEL-SALAM, A. S.; WARID, W. A.; ELMOFTY, I. A.; ABDEL-GAWWAD, M. M. CHEMICAL CONSTITUENTS OF THE ONION PLANT IN RELATION TO SODIUM CHLORIDE CONCENTRATION AND VARIETY. II. CALCIUM, MAGNESIUM, NITROGEN AND TOTAL CARBOHYDRATES. DESERT INST. BULL. A.R.E. 22: 379-392. 1974. ONION AMARYLLIDACEAE: ALLIUM CEPA. SAND. POT VARIETY. GROWTH STAGE. SODIUM, CHLORIDE MINERAL COMPOSITION, SALT TOLERANCE
2050. STINO, K. R.; ABDEL AZIZ ABDEL FATTAH, M.; ABDEL-SALAM, A. S.; WARID, W. A.; ELMOFTY, I. A.; ABDEL-GAWWAD, M. M. SALINITY EFFECTS ON THE GROWTH OF SOME ONION VARIETIES. DESERT INST. BULL. A.R.E. 22: 167-174. 1972. ONION AMARYLLIDACEAE: ALLIUM CEPA. SAND. POT VARIETY. SODIUM CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE
2051. STONE, E. L.; BAIRD, G. BORON LEVEL AND BORON TOXICITY IN RED AND WHITE PINE. J. FOR. 54: 11-12. 1956. PINE, RED; PINE, WHITE PINACEAE: PINUS RESINOSA, PINUS STROBUS. SOIL, FIELD BORON TOXICITY, LEAF INJURY, BORON UPTAKE
2052. STOREY, R.; WYN JONES, R. G. BETAINE AND CHOLINE LEVELS IN PLANTS AND THEIR RELATIONSHIP TO NaCl STRESS. PLANT SCI. LETTERS 4: 161-168. 1975. RHODES GRASS: TOMATO, BARLEY; SALTBUSH; GLA SWORT SOLANACEAE; LYCOPERSICON ESCULENTUM, GRAMINEAE: HORDEUM VULGARE, CHLORIS GAYANA; CHENOPODIACEAE: ATRIPLEX SPONGIOSA, SUAEDA MONOICA. GREENHOUSE, POT, WATER CULTURE SODIUM, CHLORIDE, VARIETY BETAINE, CHOLINE, PROLINE
2053. STOREY, R.; WYN JONES, R. G. QUATERNARY AMMONIUM COMPOUNDS IN PLANTS IN RELATION TO SALT RESISTANCE. PHYTOCHEMISTRY 16: 447-453. 1977. ATRIPLEX: BARLEY; RHODES GRASS; WHEAT; OATS; CORN; TOMATO, PEA; CARROT; RADISH; CLOVER, WHITE; BEAN CHENOPODIACEAE: SUAEDA MONOICA, ATRIPLEX SPONGIOSA; GRAMINEAE: SPARTINA X TOWNSENDII, HORDEUM VULGARE, CHLORIS GAYANA, TRITICUM AESTIVUM, AVENA SATIVA, ZEA MAYS; LEGUMINOSAE: TRIFOLIUM REPENS, PHASEOLUS VULGARIS, PISUM SATIVUM; SOLANACEAE: LYCOPERSICON ESCULENTUM; UMBELLIFERAE: DAUCUS CAROTA VAR SATIVA; CRUCIFERAE: RAPHANUS SATIVUS. WATER CULTURE, POT SODIUM, CHLORIDE VEGETATIVE GROWTH, OSMOTIC PRESSURE, CHOLINE, PROLINE, BETAINE, TRIGONELLINE
2054. STOUT, G. L. CHLORINE INJURY TO LETTUCE AND OTHER VEGETATION. CALIF. DEPT. AGRIC. MO. BULL. 21: 340-344. 1932. LETTUCE; GRASS COMPOSITAE: LACTUCA SATIVA; GRAMINEAE: AVENA, BROMUS, HORDEUM. FIELD, SOIL CHLORINE, AMMONIUM LEAF INJURY, VEGETATIVE GROWTH
2055. STOUTMYER, V. T.; SMITH, F. B. THE EFFECTS OF SODIUM CHLORIDE ON SOME TUFF PLANTS AND SOILS. J. AMER. SOC. AGRON. 28: 16-23. 1936. BERMUDA GRASS, BENTGRASS, METROPOLITAN; BLUEGRASS, KENTUCKY; BENTGRASS, SEASIDE; CLOVER, WHITE DUTCH GRAMINEAE: POA PRATENSIS, CYNODON DACTYLON, AGROSTIS; LEGUMINOSAE: TRIFOLIUM REPENS. GREENHOUSE, POT, SOIL SODIUM, CHLORIDE, PHOSPHORUS VEGETATIVE GROWTH, TOXICITY
2056. STRICKLAND, R. W. THE USE OF SALINE WATER FOR IRRIGATING RICE IN NORTHERN AUSTRALIA. AUST. J. EXPT. AGRIC. ANIMAL HUSBANDRY 8: 491-495. 1968. RICE GRAMINEAE: ORYZA SATIVA. POT, SOIL VARIETY, GROWTH STAGE, SODIUM, CHLORIDE, CARBONATE EMERGENCE, VEGETATIVE GROWTH
2057. STROGONOV, B. P. A CONTRIBUTION TO THE STUDY OF GERMINATION OF COTTON SEEDS COLLECTED FROM SALINE SOIL. ACAD. SCI. URSS. COMPT. REND. 54: 645-647. 1946. COTTON MALVACEAE: GOSSYPIMUM HIRSUTUM. POT, WATER CULTURE SEED PRETREATMENT GERMINATION
2058. STROGONOV, B. P. INCREASING THE SALT RESISTANCE OF COTTON BY INTRAVARIETAL CROSSING. ZHURN. OBSHCH. BIOL. 6: 460-467. 1954. COTTON MALVACEAE: GOSSYPIMUM. FIELD PLOT, SOIL CHLORIDE, SULFATE GENETIC INTERACTION, VEGETATIVE GROWTH
2059. STROGONOV, B. P. ON THE ADAPTATION OF THE COTTON PLANT TO HIGH SOIL SALINITY. ACAD. SCI. URSS. COMPT. REND. 54: 453-456. 1946. COTTON MALVACEAE: GOSSYPIMUM HIRSUTUM. FIELD PLOT, SOIL SALINE SOIL GERMINATION, VEGETATIVE GROWTH, SALT TOLERANCE

2060. STROGONOV, B. P. PHYSIOLOGICAL BASIS OF SALT TOLERANCE OF PLANTS. ISRAEL PROGRAM FOR SCIENTIFIC TRANSLATIONS. JERUSALEM, 279 PP. 1964. COTTON MALVACEAE: GOSSYPIMUM. SOIL CHLORIDE, SULFATE, CARBONATE, SOLONETZ OSMOTIC POTENTIAL
2061. STROGONOV, B. P. PLANTS AND SALINE SOILS. (RUS). MOSKVA, IZDATEL'STVO AN SSSR: 139 PP. 1958.
2062. STROGONOV, B. P. THE PRESENT STATUS OF THE PROBLEMS OF THE PHYSIOLOGY OF SALT RESISTANCE OF PLANTS AND FURTHER WAYS TO STUDY IT. IN PHYSIOLOGY OF PLANT RESISTANCE - FROST RESISTANCE, DROUGHT RESISTANCE, AND SALT TOLERANCE. USSR ACAD. SCI. 609-625. 1960.
2063. STROGONOV, B. P. THEORY AND PRACTICE OF INCREASING THE SALT RESISTANCE OF PLANTS IN THE U.S.S.R. (CHI AND RUS). ACTA BOT. SINICA 6: 174-183. 1957. TOMATO; BARLEY; COTTON; BEET; SUGAR; MILLET SOLANACEAE: LYCOPERSICON ESCULENTUM; GRAMINEAE: HORDEUM VULGARE; MALVACEAE: GOSSYPIMUM; CHENOPODIACEAE: BETA VULGARIS. POT. SOIL SEED PRETREATMENT GERMINATION, CHLOROPHYLL, VEGETATIVE GROWTH, GENETIC INTERACTION
2064. STROGONOV, B. P. THE WATER REGIME OF PLANTS ON SALINE SOILS UNESCO/NS AZ/422. PARIS: 16 PP. MARCH 20, 1959.
2065. STROGONOV, B. P.; DOSTANOVA, R. KH. DEPENDENCE OF ANTHOCYANIN AND LEUCOANTHOCYANIN CONTENT IN PLANTS ON THE TYPE OF SALINIZATION. SOVIET PLANT PHYSIOL. 13: 459-465. 1966. COTTON; CABBAGE; PERILLA MALVACEAE: GOSSYPIMUM; CRUCIFERAE: BRASSICA OLERACEA; LABIATAE: PERILLA FRUTESCENS. GREENHOUSE, POT. SAND SODIUM, CHLORIDE, SULFATE ANTHOCYANIN, LEUCOANTHOCYANIN
2066. STROGONOV, B. P.; IVANITSKAYA, E. F. EFFECT OF SOIL SALINITY ON THE FIRMNESS OF THE COHESION OF CHLOROPHYLL WITH CHLOROPLAST PROTEINS IN THE COTTON PLANT. (RUS). AKAD. NAUK. SSSR DOK. 98: 497-499. 1954. COTTON MALVACEAE: GOSSYPIMUM HIRSUTUM. SALINE SOIL, SODIUM, MAGNESIUM, CALCIUM, POTASSIUM, SULFATE, CHLORIDE CHLOROPHYLL, PROTEIN
2067. STROGONOV, B. P.; IVANITSKAYA, E. F.; CHERNYADEVA, I. P. EFFECT OF HIGH CONCENTRATIONS OF SALTS ON PLANTS. (RUS). FIZIOL. RAST. 3: 319-327. 1956. COTTON MALVACEAE: GOSSYPIMUM. POT. SOIL SODIUM, CHLORIDE, SULFATE CHLORIDE UPTAKE, SULFATE UPTAKE, ASH, AMINO ACID, GLUCOSE, PEROXIDASE
2068. STROGONOV, B. P.; KABANOV, V. V. FEATURES OF PROTEIN SYNTHESIS UNDER CONDITIONS OF CHLORIDE AND SULFATE SALINITY. AGROCHIMICA 13: 18-24. 1969. PEA LEGUMINOSAE: PISUM SATIVUM. WATER CULTURE, POT. GROWTH CHAMBER SODIUM, CHLORIDE, SULFATE PROTEIN
2069. STROGONOV, B. P.; KABANOV, V. V.; RAKOVA, N. M. FEATURES OF PROTEIN AND NUCLEIC ACID METABOLISM DURING FORMATIVE CHANGES OF PLANTS UNDER CONDITIONS OF SALINIZATION. SOVIET PLANT PHYSIOL. 17: 324-328. 1970. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. SOIL, FIELD PLOT SODIUM, CHLORIDE MORPHOLOGY, PROTEIN, NUCLEIC ACID
2070. STROGONOV, B. P.; KABANOV, V. V.; SHEVYAKOVA, N. I. PRESENT STATE OF THE PROBLEM OF SALT RESISTANCE IN PLANTS, (RUS). IN ISPOL' ZOVANIE MINERALIZOVANNYKH VOD DLIJA OROSHENIYA: 46-66. 1973.
2071. STROGONOV, B. P.; KABANOV, V. V.; SHEVYAKOVA, N. I.; LAPINA, I. P.; KOMIZERKO, E. I.; POPOV, B. A.; DOSTANOVA, R. KH.; PRYKHOD'KO, L. S. STRUCTURE AND FUNCTION OF PLANT CELLS IN SALINE HABITATS. NEW TRENDS IN THE STUDY OF SALT TOLERANCE. TRANSLATED FROM RUSSIAN BY A. MERCADO. STRUCTURE AND FUNCTION OF PLANT CELLS IN SALINE HABITATS. NEW TRENDS IN THE STUDY OF SALT TOLERANCE. TRANSLATED FROM RUSSIAN BY A. MERCADO. TRANSLATION EDITED BY B. GOLLEK. JOHN WILEY AND SONS, NEW YORK, NEW YORK: 284 PP. 1973. HISTOLOGY
2072. STROGONOV, B. P.; KLESHNIN, A. F.; IVANITSKAYA, E. F. IN REGARD TO THE TEMPERATURE OF COTTON LEAVES IN DIFFERENT TYPES OF SOIL SALINITY UNDER CONDITIONS OF VARIED WATER SUPPLY. (RUS). AKAD. NAUK. SSSR. DOK. 93: 179-182. 1953. COTTON MALVACEAE: GOSSYPIMUM. POT. SOIL, GREENHOUSE SODIUM, SULFATE, MAGNESIUM, CALCIUM, CHLORIDE, POTASSIUM LEAF TEMPERATURE
2073. STROGONOV, B. P.; KOMIZERKO, E. I.; BUTENKO, R. G. CULTURING OF ISOLATED GLASSWORT, SORGHUM, SWEETCLOVER AND CABBAGE

- TISSUES FOR COMPARATIVE STUDY OF THEIR SALT RESISTANCE. SOVIET PLANT PHYSIOL. 15: 173-177. 1968. GLASSWORT; SORGHUM; CLOVER. SWEET; CABBAGE GRAMINEAE; SORGHUM VULGARE; CHENOPODIACEAE; BETA VULGARIS; LEGUMINOSAE; MELILOTUS ALBA; CRUCIFERAE; BRASSICA OLERACEA VAR CAPITATA. WATER CULTURE. TEST TUBE. GROWTH CHAMBER SODIUM. CHLORIDE. SULFATE. CASEIN HYDROLYZATE. HERBICIDE. KINETIN SALT TOLERANCE
2074. STROGONOV, B. P.; LAPINA, L. P. A POSSIBLE METHOD FOR SEPARATELY STUDYING THE TOXIC AND OSMOTIC ACTION OF SALTS ON PLANTS. SOVIET PLANT PHYSIOL. 11: 575-579. 1964. RYE; BARLEY; CORN; BEAN. BROAD; SUNFLOWER GRAMINEAE; ZEA MAYS. HORDEUM VULGARE. SECALE CEREALE; LEGUMINOSAE; VICIA FABA; COMPOSITAE; HELIANTHUS ANNUUS. WATER CULTURE. GREENHOUSE MANNITOL. SODIUM. CHLORIDE. DEXTRAN. SULFATE VEGETATIVE GROWTH. OSMOTIC POTENTIAL. TOXICITY
2075. STROGONOV, B. P.; OKNINA, E. Z. ON THE DORMANCY OF PLANTS UNDER CONDITIONS OF IRRIGATION WITH SALT SOLUTIONS. SOVIET PLANT PHYSIOL. 8: 55-60. 1961. TOMATO; BARLEY; COTTON SOLANACEAE; Lycopodium ESCULENTUM; GRAMINEAE; HORDEUM VULGARE; MALVACEAE; GOSSYPIMUM HIRSUTUM. POT. SOIL. GRAVEL SODIUM. CHLORIDE. SULFATE SEEDLING GROWTH. PLASMOLYSIS
2076. STROGONOV, B. P.; OSTAPENKO, L. A. LEAF ALBUMINS AS AN INDEX FOR SALT RESISTANCE OF COTTON PLANTS. COMP. REND. ACAD. SCI. USSR 30: 66-68. 1941. COTTON MALVACEAE; GOSSYPIMUM. SOIL LIGHT. SALINE SOIL ALBUMIN
2077. STROGONOV, B. P.; OSTAPENKO, L. A. ON THE CARBOHYDRATE EXCHANGE IN COTTON UNDER CONDITIONS OF INCREASING SOIL SALINITY. ACAD. SCI. URSS COMPT. REND. 54: 273-276. 1946 COTTON MALVACEAE; GOSSYPIMUM HIRSUTUM. FIELD PLOT. SOIL SALINE SOIL. VARIETY CARBOHYDRATE. VEGETATIVE GROWTH
2078. STROGONOV, B. P.; OSTAPENKO, L. A. ON THE INTOXICATION OF COTTON PLANTS WITH AMMONIA WHEN GROWN UNDER CONDITIONS OF INCREASED SOIL SALINITY. DOKLADY AN SSSR. 54: 365-367. 1946. COTTON MALVACEAE; GOSSYPIMUM HIRSUTUM. FIELD PLOT SALINE SOIL AMMONIA UPTAKE. TOXICITY
2079. STROGONOV, B. P.; SHEVYAKOVA, N. I.; KABANOV, V. V. DIAMINES IN PLANT METABOLISM UNDER CONDITIONS OF SALINIZATION. SOVIET PLANT PHYSIOL. 19: 938-943. 1972. BEAN. BROAD; PEA LEGUMINOSAE; VICIA FABA, PISUM SATIVUM. SODIUM. CHLORIDE ENZYME ACTIVITY. PUTRESCINE. CADAVERINE
2080. STROGONOV, B. P.; SHEVYAKOVA, N. I.; KARNAUKHOVA, T. B. FORMATION OF DARK SUBSTANCES IN SALT-POISONED PLANTS. DOKLADY AN SSSR 143: 984-986. 1962. PEA; BEAN. BROAD LEGUMINOSAE; VICIA FABA, PISUM SATIVUM GREENHOUSE. SOIL SODIUM. CHLORIDE PUTRESCINE. CADAVERINE. ENZYME ACTIVITY
2081. STROGONOV, B. P.; SHEVYAKOVA, N. I.; LAPINA, L. P. MECHANISM OF THE TOXIC EFFECT OF SALTS ON PLANTS. (RUS). IN SBORNIK "FIZIOLOGIYA USTOICHIVOSTI RASTENII (MOROZUOSTOICHIVOST', ZASUKHOUSTOICHIVOST' I SOLEUSTOICHIVOST')" MOSKVA. IZDATEL'STVO AN SSSR: 649-653. 1960 COTTON; BARLEY. BEAN. BROAD LEGUMINOSAE; VICIA FABA; GRAMINEAE; HORDEUM VULGARE. MALVACEAE; GOSSYPIMUM. SOIL SODIUM. CHLORIDE. SULFATE. CARBONATE ENZYME ACTIVITY. PUTRESCINE. ARGININE. PROLINE
2082. STROGONOV, B. P.; TARVERDYAN, V. I.; KABANOV, V. V. EFFECT OF ABSORBED SODIUM AND CHLORINE IONS ON PEA PLANTS. SOVIET PLANT PHYSIOL. 19: 665-669. 1972. PEA LEGUMINOSAE; PISUM SATIVUM. WATER CULTURE SODIUM. CHLORIDE SODIUM UPTAKE. CHLORIDE UPTAKE. ASH. WATER CONTENT. ORGANIC COMPOUNDS
2083. STROMBERG, L. K.; YAMADA, H. WATER QUALITY IN RICE FIELDS. STUDIES OF POSSIBLE CAUSES OF POOR RICE STANDS INDICATE LEVEL OF TOTAL SALTS CONTENT OF WATER INFLUENCES GROWTH AND YIELD. CALIF. AGRIC. 9: 10. 1955. RICE GRAMINEAE; ORYZA SATIVA. SOIL. POT SODIUM. CHLORIDE VEGETATIVE GROWTH
2084. STRONG, E. C. A STUDY OF CALCIUM CHLORIDE INJURY TO ROADSIDE TREES. MICH. AGRIC. EXPT. STA. QUART. BULL. 27: 209-224. 1944. OAK. RED; ELM. AMERICAN; MAPLE. SUGAR; ASH. WHITE; BEECH; COTTONWOOD; ASPEN; FIR. BALSAM; SPRUCE. WHITE ULMACEAE; ULMUS AMERICANA; FAGACEAE; QUERCUS BOREALIS. QUERCUS ALBA. FAGUS GRANDIFOLIA; PINACEAE; ABIES BALSAMEA. PICEA GLAUCA; SALICACEAE; POPULUS DELTOIDES. POPULUS TREMULOIDES; ACERACEAE; ACER SACCHARUM; OLEACEAE; FRAXINUS AMERICANA. POT. FIELD PLOT. SOIL CALCIUM. CHLORIDE LEAF INJURY. TOXICITY. VEGETATIVE GROWTH

2085. STRUZESKI, E. ENVIRONMENTAL IMPACT OF HIGHWAY DEICING. ENVIRON. PROTECT. AGENCY, WATER QUAL. RES. WATER POLLUTION CONTROL RES. SERIES (11040-GKK): 120 PP. 1971. NATIVE VEGETATION; VEGETABLE; FRUIT TREE; TREE; GRASS FIELD. SOIL DEICING SALT ECOLOGY. TOXICITY. VEGETATIVE GROWTH
2086. STYLIANOU, Y.; ORPHANOS, P. I. IRRIGATION OF SHAMOUTI ORANGES WITH SALINE WATER. CYPRUS AGRIC. RES. INST. TECH. BULL. 6: 3-23. 1970. ORANGE RUTACEAE: CITRUS SINENSIS. SOIL. FIELD PLOT CHLORIDE. LEACHING. BRACKISH WATER MINERAL UPTAKE
2087. SUBBA-RAO, N. S.; LAKSHMI-KUMARI, M.; SINGH, C. S.; BISWAS, A. SALINITY AND ALKALINITY IN RELATION TO LEGUME-RHIZOBIUM SYMBIOSIS. PROC. INDIAN NAT. SCI. ACAD. 40: 544-547. 1974. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. SODIUM, CHLORIDE. POTASSIUM, MAGNESIUM, BICARBONATE, CARBONATE NODULATION, GERMINATION
2088. SUBBA-RAO, N. S.; LAKSHMI-KUMARI, M.; SINGH, S.; MAGU, S. P. NODULATION OF LUCERNE (MEDICAGO SATIVA L.) UNDER THE INFLUENCE OF SODIUM CHLORIDE. INDIAN J. AGRIC. SCI. 42: 384-386. 1972. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. GERMINATION DISHES SODIUM, CHLORIDE, RHIZOBIUM MELILOTI NODULATION, VEGETATIVE GROWTH, GERMINATION
2089. SUBRAMONEY, N.; AMMA, P. A. SALT TOLERANCE OF CERTAIN VARIETIES OF PADDY. AGRIC. RES. J. KERALA 6: 57-58. 1968. RICE GRAMINEAE: ORYZA SATIVA. SOIL VARIETY, SODIUM, CHLORIDE GERMINATION, SALT TOLERANCE
2090. SUCOFF, E. EFFECTS OF DEICING SALTS ON WOODY VEGETATION ALONG MINNESOTA ROADS. MINN. AGRIC. EXPT. STA. BULL. 303: 49 PP. 1975. (CITATION CONTINUED BELOW). MAPLE, AMUR; BOX ELDER; MAPLE, NORWAY; MAPLE, RED; MAPLE, SILVER; MAPLE, SUGAR; MAPLE, TATARIAN; CHESTNUT, HORSE; ALDER, BLACK; ALDER; ALDER, SPECKLED; ALDER, SMOOTH; FIR, BALSAM; SERVICEBERRY; BARBERRY, KOREAN; BARBERRY, JAPANESE; BARBERRY, COMMON; BIRCH, YELLOW; BIRCH, CHERRY; BIRCH, PAPER; BIRCH, EUROPEAN WHITE; BIRCH, GRAY; PEA-TREE, SIBERIAN; HOFNBEAM, AMERICAN; HICKORY, SHAGBARK; HACKBERRY; CYPRESS. SAWARA; TRAVELER'S JOY; DOGWOOD, SIBERIAN; CHERRY, CORNELIAN; DOGWOOD, RED; DOGWOOD, RED-OSIER; DOGWOOD, YELLOWTWIG; HAZEL, AMERICAN; HAZEL, BEAKED; COTONEASTER; HAWTHORN, COCKSPUR; OLIVE, RUSSIAN; EUONYMUS, WINGED; EUONYMUS, EUROPEAN; ASH, WHITE; ASH, GREEN; ASH, MARSHALL SEEDLESS; LOCUST, HONEY; LOCUST, HONEY THORNLESS; LOCUST, IMPERIAL HONEY; SALT TREE; BUCKTHORN, SEA; WALNUT, BLACK; JUNIPER, PFITTER; JUNIPER, HORIZONTAL; CEDAR, RED; LARCH, EUROPEAN; LARCH, JAPANESE; PRIVET; HONEYSUCKLE, SWEETBERRY; HONEYSUCKLE, TATARIAN; HONEYSUCKLE, ZABEL'S; HONEYSUCKLE, EUROPEAN FLY; MATRIMONY VINE, CHINESE; MATRIMONY VINE; CRABAPPLE, DOLGO; CRABAPPLE, HOPA; CRABAPPLE, RADIANT; MULBERRY, WHITE; VIRGINIA CREEPER; ORANGE, MOCK SWEET; HINEBARI, DWARF; SPRUCE, NORWAY; SPRUCE, WHITE; SPRUCE, BLACK HILLS WHITE; SPRUCE, COLORADO BLUE; PINE, SWISS STONE; PINE, MUGO; PINE, AUSTRIAN; PINE, PONDEROSA; PINE, RED; PINE, WHITE; PINE, SCOTS; POPLAR, WHITE; COTTONWOOD, NARROWLEAVED; POPLAR, BALSAM; POPLAR, GRAY; COTTONWOOD; ASPEN, LARGE TOOTHED; POPLAR, BLACK; POPLAR, LOMBARDY; COTTONWOOD, GREAT PLAINS; POPLAR, WESTERN BALSAM; ASPEN, TREMBLING; POTENTILLA, JACKMAN'S; CHERRY, EUROPEAN BIRD; CHERRY, BLACK; FIR, DOUGLAS; OAK, WHITE; OAK, SWAMP WHITE; OAK, BUR; OAK, YELLOW CHESTNUT; OAK, COMMON PIN; OAK, RED; BUCKTHORN, ALDER; SUMAC, SMOOTH; SUMAC, ILL SCENTED; CURRANT, ALPINE; CURRANT, AMERICAN BLACK; OSIER, CURRANT, GOLDEN; CURRANT, EUROPEAN BLACK; LOCUST, BLACK; ROSE, DOG; ROSE, MULTIFLORA; ROSE, RUGOSA; WILLOW, WHITE; WILLOW, GOLDEN; WILLOW, ALMOND LEAVED; WILLOW, GOAT; WILLOW, LAUREL LEAF; OSIER, PURPLE; OSIER, PURPLE DWARF; ELDER, AMERICAN; ELDER, EUROPEAN; ELDER, EUROPEAN RED; BUFFALO BERRY; ASH, EUROPEAN MOUNTAIN; ASH, MOUNTAIN SHOW; SPIRAEA, FROEBEL'S; SPIRAEA, VANHOULTE'S; SNOWBERRY; SNOWBERRY, GARDEN; CORALBERRY; WAXBERRY; LILAC; TAMARISK, FIVESTAMEN; CEDAR, EASTERN WHITE; LINDEN, AMERICAN; LINDEN, SMALL LEAVED EUROPEAN; LINDEN, LARGE LEAVED; HEMLOCK, EASTERN; ELM, AMERICAN; ELM, WICH; ELM, SIBERIAN; WAYFARING TREE; CRANBERRY, EUROPEAN Highbush; CRANBERRY, AMERICAN Highbush; HONEYSUCKLE, AMUR FIELD. SOIL DEICING SALT, SALT SPRAY LEAF INJURY, VEGETATIVE GROWTH
2091. SUCOFF, E. EFFECTS OF DEICING SALTS ON WOODY VEGETATION ALONG MINNESOTA ROADS. MINN. AGRIC. EXPT. STA. BULL. 303: 49 PP. 1975. (CONTINUED FROM CITATION ABOVE). ACERACEAE: ACER NEGUNDO, ACER GINNALA, ACER PLATANOIDES, ACER RUBRUM, ACER SACCHARINUM, ACER SACCHARUM, ACER TATARICUM; ANACARDIACEAE: RHUS GLABRA, RHUS TRILOBATA; BERBERIDACEAE: BERBERIS KOREANA, BERBERIS THUNBERGII, BERBERIS VULGARIS; CAPRIFOLIACEAE: LONICERA AMOENA VAR ALBA, LONICERA CAERULEA, LONICERA MAACKII, LONICERA PERICLYMENUM, LONICERA TATARICA, LONICERA TATARICA "ZABELII", LONICERA XYLOSTEUM, SAMBUCUS CANADENSIS, SAMBUCUS NIGRA, SAMBUCUS RACEMOSA, SYMPHORICARPOS ALBUS, SYMPHORICARPOS ALBUS VAR LAEVICATUS, SYMPHORICARPOS ORBICULATUS, SYMPHORICARPOS RACIMOSUS, VIBURNUM LANTANA, VIBURNUM OPULUS, VIBURNUM TRILOBUM; CELASTRACEAE: EUONYMUS ALATA, EUONYMUS EUROPAEA, EUONYMUS VERUCOSA; CHENOPODIACEAE: ATRIPLEX HASTATA,

ATRIPLEX SEMIBACCATA, ATRIPLEX VESICARIA; CORNACEAE: CORNUS ALBA, CORNUS ALBA "KESSELRINGII", CORNUS ALBA "SIBIRICA", CORNUS ALBA "SPAETHII", CORNUS AMOMUM, CORNUS MAS, CORNUS SANGUINEA, CORNUS STOLONIFERA, CORNUS STOLONIFERA "FLAVIRAMEA"; CORYLACEAE: ALNUS GLUTINOSA, ALNUS HIRSUTA, ALNUS INCANA, ALNUS RUGOSA, BETULA HUMILIS, BETULA ALLEGHANIENSIS, BETULA KIRGHISORUM, BETULA LENTA, BETULA PENDULA, BETULA PAPYRIFERA, BETULA POPULIFOLIA, BETULA PUBESCENS, CARPINUS CAROLINIANA, CORYLUS AMERICANA, CORYLUS CORNUTA; CUPRESSACEAE: CHAMAECYPARIS PISIFERA, JUNIPERUS CHINENSIS "PFITZERANA", JUNIPERUS HORIZONTALIS "PLUMOSA", JUNIPERUS VIRGINIANA, THUJA OCCIDENTALIS; ELAEAGNACEAE: ELAEAGNUS ANGUSTIFOLIA, ELAEAGNUS X EBBINGEI, ELAEAGNUS UNBELLATA, HIPPOPHAE RHAMNOIDES, SHEPHERDIA ARGENTEA; FAGACEAE: QUERCUS ALBA, QUERCUS BICOLOR, QUERCUS MACROCARPA, QUERCUS MUEHLENBERGII, QUERCUS PALUSTRIS, QUERCUS RUBRA; HIPPOCASTANACEAE: AESCULUS HIPPOCASTANUM; JUGLANDACEAE: CARYA OVATA, JUGLANS NIGRA;

2092. SUCOFF, E. EFFECTS OF DEICING SALTS ON WOODY VEGETATION ALONG MINNESOTA ROADS. MINN. AGRIC. EXPT. STA. BULL. 303: 49 PP. 1975. (CONTINUED FROM CITATION ABOVE). LEGUMINOSAE: CARAGANA ARBORESCENS, GLEDITSIA TRIACANTHOS VAR INERMIS, GLEDITSIA TRIACANTHOS, HALIMODENDRON HALODENDRON, ROBINIA PSEUDOACACIA; MORACEAE: MORUS ALBA; OLEACEAE: FRAXINUS AMERICANA, FRAXINUS ANGUSTIFOLIA, FRAXINUS PENNSYLVANICA VAR LANCEOLATA, FRAXINUS PENNSYLVANICA, FRAXINUS PENNSYLVANICA VAR SUBINTEGERINA, LIGUSTRUM VULGARE, SYRINGA VULGARIS; PINACEAE: ABIES BALSAEA, LARIX DECIDUA, LARIX LEPTOLEPIS, PICEA ABIES, PICEA GLAUCA, PICEA GLAUCA VAR DENSATA, PICEA FUNGENS, PINUS CEMBRA, PINUS MUGO, PINUS NIGRA, PINUS PONDEROSA, PINUS RESINOSA, PINUS STROBUS, PINUS SYLVESTRIS, PSEUDOTSUGA MENZIESII, TSUGA CANADENSIS; ROSACEAE: AMELANCHIER X GRANDIFLORA, AMELANCHIER OVALIS, COONEASTER INTEGRIFOLIUS, CRATAEGUS CRUS-GALLI, CRATAEGUS PUNCTATA, CRATAEGUS SANGUINEA, MALUS DOLGO, MALUS "HOPA", MALUS "RADIANT", MALUS SYLVESTRIS, PHYSOCARPUS OPULIFOLIUS "NANUS", POTENTILLA FRUTICOSA, PRUNUS PADUS, PRUNUS SEROTINA, ROSA CANINA, ROSA MULTIFLORA, ROSA VIRGINIANA, SORBUS AUCUPARIA, SORBUS DECORA, SORBUS X HYBRIDA, SORBUS LATIFOLIA, SPIRAEA BUNALDA "FROEBELII", SPIRAEA VANHOUTTEI; RANUNCULACEAE: CLEMATIS VITABLA; RHAMNACEAE: RHAMNUS CATHARTICA, RHAMNUS CRENATA, RHAMNUS DAVURICA, RHAMNUS FRANGULA; SALICACEAE: POPULUS ACUMINATA, POPULUS ALBA, POPULUS ANGUSTIFOLIA, POPULUS BALSAMIFERA, POPULUS CANADENSIS, POPULUS CANESCENS, POPULUS DELTOIDES, POPULUS GRANDIDENTATA, POPULUS LAURIFOLIA, POPULUS NIGRA, POPULUS NIGRA "ITALICA", POPULUS NIGRA "PLANTIERENSIS", POPULUS SARGENTII, POPULUS TRICHOCARPA, POPULUS TREMULOIDES, SALIX ALBA, SALIX ALBA VAR VITELLINA, SALIX X HELIX, SALIX X ALOPECUROIDES, SALIX AMYGDALINA, SALIX X BASIFOLIA, SALIX CAPREA, SALIX CORDATA, SALIX DAPHNOIDES, SALIX X DAS-CLADOS, SALIX FRAGILIS, SALIX X HIPPOPHAEFOLIA, SALIX X MEYERIANA, SALIX PENTANDRA, SALIX VIMINALIS, SALIX PURPUREA VAR LAMBERTIANA, SALIX PURPUREA "NANA", SALIX X RUBENS, SALIX STIPULARIS, SALIX X TINCTORIA; SAXIFRAGACEAE: PHILADELPHUS CORONARIUS, RIBES ALPINUM, RIBES AMERICANUM, RIBES AURUM, RIBES DIVARICATUM, RIBES MAGDALENAE, RIBES NIGRUM; SOLANACEAE: LYCIUM CHINENSE, LYCIUM HALIMIFOLIUM; TAMARICACEAE: TAMARIX PENTANDRA; TILIACEAE: TILIA AMERICANA, TILIA CORDATA, TILIA PLATYPHYLLA; ULMACEAE: ULMUS AMERICANA, ULMUS GLABRA, ULMUS PUMILA, ULMUS PUMILA VAR ARBOREA, CELTIS OCCIDENTALIS; VITACEAE: PARTHENOCISSUS QUINQUEFOLIA.
2093. SUCOFF, E.; FELLER, R.; KANTEN, D. DEICING SALT (SODIUM CHLORIDE) DAMAGE TO PINUS RESINOSA AIT. CAN. J. FOR. RES. 5: 546-556. 1975. PINE, RED PINACEAE: PINUS RESINOSA. FIELD, SOIL DEICING SALT, SODIUM, CHLORIDE LEAF INJURY, OSMOTIC POTENTIAL
2094. SUCOFF, E.; HONG, S. G. EFFECT OF NA CL ON COLD HARDINESS OF MALUS SPP AND SYRINGA VULGARIS. CAN. J. BOT. 54: 2816-2819. 1976. CRABAPPLE, RADIANT; CRABAPPLE, GARDEN FLOWERING ROSACEAE: MALUS; OLEACEAE: SYRINGA VULGARIS. SOIL SODIUM, CHLORIDE, TEMPERATURE LEAF INJURY, COLD HARDINESS
2095. SUCOFF, E.; HONG, S. G.; WOOD, A. NA CL AND TWIG DIEBACK ALONG HIGHWAYS AND COLD HARDINESS OF HIGHWAY VERSUS GARDEN TWIGS. CAN. J. BOT. 54: 2268-2274. 1976. ASH, GREEN; LILAC, COMMON; CRABAPPLE, HOPA FLOWERING; DOGWOOD, RED-OSIER; WILLOW, LAUREL LEAF OLEACEAE: FRAXINUS PENNSYLVANICA, SYRINGA VULGARIS; SALICACEAE: SALIX PENTANDRA; CORNACEAE: CORNUS STOLONIFERA; ROSACEAE: MALUS. SOIL, FIELD, GREENHOUSE, WATER CULTURE TEMPERATURE, SODIUM, CHLORIDE LEAF INJURY, MINERAL COMPOSITION, COLD HARDINESS
2096. SUNDARARAJ, D. D.; RAMAKRISHNAN, V.; KHAN, A. M. M. A.; VIJAYAN, K. P. SPOROBOLUS ORIENTALIS KUNTH AND SPOROBOLUS TREMULUS KUNTH, TWO NEW LAWN GRASSES FOR COASTAL AND SALINE TRACTS. SOUTH INDIAN HORT. 23: 73-74. 1975. GRAMINEAE: SPOROBOLUS ORIENTALIS, SPOROBOLUS TREMULUS. SALT TOLERANCE
2097. SWAIN, R. L.; MOSER, B. C. MEASUREMENT OF AIRBORNE SEA SALT AND ITS EFFECT ON PLANTS. HORTSCIENCE 7: 37. 1972.

- BEAN LEGUMINOSAE: PHASEOLUS. GREENHOUSE SALT SPRAY. SODIUM. CHLORIDE LEAF INJURY. SODIUM UPTAKE. CHLORIDE UPTAKE
2098. SWINGLE, W. T.; ROBINSON, T. R.; MAY, E., JR. EXPERIMENTS ON BORON TOLERANCE OF CITRUS PLANTS AND THEIR WILD RELATIVES. AMER. J. BOT. 15: 616-617. 1928. ORANGE, SOUR ORANGE, BITTER SWEET, MANDARIN, CLEOPATRA; CALAMONDIN; ORANGE, CHINESE BOX; LIME, AUSTRALIAN DESERT. RUTACEAE: CITRUS AURANTIUM, CITRUS RETICULATA, CITRUS, SEVERINIA BUXIFOLIA, EREMOCITRUS GLAUCA, ATALANTIA DISTICHA. POT, GREENHOUSE, SOIL BORON SALT TOLERANCE, LEAF INJURY
2099. SYED, M. M.; EL-SWAIFY, S. A. EFFECT OF SALINE WATER IRRIGATION ON N. CO. 310 AND H50-7209 CULTIVARS OF SUGAR-CANE. I. GROWTH PARAMETERS. TROP. AGRIC. (TRINIDAD) 49: 337-346. 1972. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. SOIL, POT VARIETY, SODIUM, CHLORIDE, SULFATE, SEA WATER OSMOTIC POTENTIAL, SALT TOLERANCE
2100. SYED, M. M.; EL-SWAIFY, S. A. EFFECT OF SALINE WATER IRRIGATION ON N. CO. 310 AND H50-7209 CULTIVARS OF SUGAR-CANE. II. CHEMICAL COMPOSITION OF PLANTS. TROP. AGRIC. (TRINIDAD) 50: 45-51. 1973. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. SOIL, POT VARIETY, SODIUM, CHLORIDE, SULFATE, SEA WATER SODIUM UPTAKE, POTASSIUM UPTAKE, CALCIUM UPTAKE, MINERAL COMPOSITION
2101. SYNYSYNA, N. P. SALT RESISTANCE OF THE WINTER WHEAT VARIETY BEZOSTAIA 1. (UKR). ZROSH. ZEMLEROB 14: 23-26. 1972. WHEAT GRAMINEAE: TRITICUM AESTIVUM. BICARBONATE, SULFATE, CHLORIDE TOXICITY, SALT TOLERANCE
2102. SZABOLCS, I. NUTRIENT UPTAKE BY PLANTS IN SALINE AND ALKALI SOILS. INTERNATIONAL POTASH INSTITUTE, POTASSIUM SYMPOSIUM 1970. ROLE OF FERTILIZATION IN THE INTENSIFICATION OF AGRICULTURAL PRODUCTION. INTERNATIONAL POTASH INSTITUTE: BERN, SWITZERLAND: 271-272. 1970.
2103. T. SISEL'S'KYI, V. A. AGRONOMIC SALT RESISTANCE OF ALFALFA IN THE SOUTHERN UKRAINE. (UKR). ZROSH ZEMLEROB 13: 22-26. 1972. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. SULFATE SALT TOLERANCE
2104. TAGAWA, T.; ISHIZAKA, N. PHYSIOLOGICAL STUDIES ON THE TOLERANCE OF RICE PLANTS TO SALINITY. 1. MECHANISM OF ABSORPTION OF CHLORIDE ION BY RICE ROOT. (JAP; ENG SUM). PROC. CROP SCI. JAPAN 31: 249-252. 1963. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE SODIUM, CHLORIDE, METABOLIC INHIBITORS, DINITROPHENOL, POTASSIUM CYANIDE, SODIUM AZIDE CHLORIDE UPTAKE, PHOSPHORUS UPTAKE
2105. TAGAWA, T.; ISHIZAKA, N. PHYSIOLOGICAL STUDIES ON THE TOLERANCE OF RICE PLANTS TO SALINITY. 5. EFFECT OF SALT TREATMENT ON THE GROWTH OF RICE LEAVES. (JAP; ENG SUM). MEM. FAC. AGRIC. HOKKAIDO UNIV. 5: 77-82. 1964. RICE GRAMINEAE: ORYZA SATIVA. SAND, GREENHOUSE GROWTH STAGE, SODIUM, CHLORIDE VEGETATIVE GROWTH, LEAF INJURY
2106. TAGAWA, T.; ISHIZAKA, N. PHYSIOLOGICAL STUDIES ON THE TOLERANCE OF RICE PLANTS TO SALINITY. 6. DECREASE IN VIABILITY OF ROOTS DUE TO SALT TREATMENT. (JAP; ENG SUM). MEM. FAC. AGRIC. HOKKAIDO UNIV. 5: 83-88. 1964. RICE GRAMINEAE: ORYZA SATIVA. SODIUM, CHLORIDE, TRIPHENYL TETRAZOLIUM CHLORIDE, ALPHA-NAPHTHYLAMINE OXYGEN UPTAKE, RESPIRATION, OXIDATION-REDUCTION
2107. TAGAWA, T.; ISHIZAKA, N. PHYSIOLOGICAL STUDIES ON THE TOLERANCE OF RICE PLANTS TO SALINITY. 7. OSMOTIC ADAPTABILITY OF RICE PLANTS TO HYPERTONIC SALINE MEDIA. (JAP; ENG SUM). PROC. CROP SCI. SOC. JAPAN 33: 218-220. 1965. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE SODIUM, CHLORIDE CHLORIDE UPTAKE, OSMOTIC PRESSURE
2108. TAGAWA, T.; ISHIZAKA, N. PHYSIOLOGICAL STUDIES ON TOLERANCE OF RICE PLANT TO SALINITY. 2. EFFECTS OF SALINITY ON ABSORPTION OF WATER AND CHLORIDE IONS. (JAP; ENG SUM). PROC. CROP SCI. SOC. (JAPAN) 31: 337-341. 1963. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE SODIUM, CHLORIDE, GROWTH STAGE VEGETATIVE GROWTH, CHLORIDE UPTAKE
2109. TAHA, M. W.; EL-AZAB, E.; FADIAH, Z. IONIC LEAF ACCUMULATION IN GRAPES, GUAVA AND OLIVE PLANTS AS AFFECTED BY THE SALINITY OF IRRIGATION WATER. ALEXANDRIA J. AGRIC. RES. 20: 299-309. 1972. GRAPE; GUAVA; OLIVE OLEACEAE: OLEA EUROPAEA; MYRTACEAE: PSIDIUM GUAJAVA; VITACEAE: VITIS VINIFERA. POT, SAND CALCIUM, CHLORIDE, SODIUM

VEGETATIVE GROWTH. LEAF INJURY. MINERAL COMPOSITION

2110. TAHA, M. W.; EL-SEWEY, A.; FADLIAH, Z. G. SALT TOLERANCE OF GRAPE, GUAVA AND OLIVE PLANTS. ALEXANDRIA J. AGRIC. RES. 20: 123-135. 1972. OLIVE: GRAPE: GUAVA OLEACEAE: OLEA EUROPAEA; MYRTACEAE: PSIDIUM GUAJAVA; VITACEAE: VITIS VINIFERA. POT. SAND SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, LEAF INJURY
2111. TAHIR, M.; HUSAIN, I. SALT TOLERANCE STUDIES IN RICE. AGRIC. PAK. 26: 125-135. 1975. RICE GRAMINEAE: ORYZA SATIVA. POT. SOIL SODIUM, CHLORIDE, SULFATE, MAGNESIUM, VARIETY VEGETATIVE GROWTH
2112. TAILAKOV, N.; SAPARGEL'DIYEV, G. EFFECT OF SALINATION ON PHOTOSYNTHETIC INTENSITY OF CULTIVATED PLANTS. (RUS; ENG SUM). IZV. AKAD. NAUK. TURKM. SSR SER. BIOL. NAUK. (2): 39-44. 1976. ALFALFA: CORN: SUDAN GRASS; DZHUGNARA LEGUMINOSAE: MEDICAGO SATIVA; GRAMINEAE: ZEA MAYS, SORGHUM SUDANENSE. SOIL SALINE SOIL VEGETATIVE GROWTH, PHOTOSYNTHESIS
2113. TAKADA, H. ION ACCUMULATION AND OSMOTIC VALUE OF PLANTS, WITH SPECIAL REFERENCE TO STRAND PLANTS. OSAKA CITY UNIV., INST. POLYTECH. J. SER. D. BIOL. 5: 81-96. 1954. NATIVE VEGETATION: DUNE PLANT VERBENACEAE: VITEX ROTUNDIFOLIA; CONVULVULACEAE: CALYSTEGIA SOLDANELLA; COMPOSITAE: WEDELIA PROSTATA; UMBELLIFERAE: PHELOPTERUS LITTORALIS; GRAMINEAE: PHRAGMITES COMMUNIS; CHENOPODIACEAE: ATRIPLEX SUBCORDATA, SUEDA ASPARAGOIDES. FIELD, SOIL SEA WATER SODIUM UPTAKE, CHLORIDE UPTAKE, OSMOTIC PRESSURE, LEAF WATER CONTENT, POTASSIUM UPTAKE, ECOLOGY
2114. TAKADA, H.; NAGAI, S. NOTES ON THE RICH CHLORIDE CONTENT AND THE OSMOTIC PRESSURE OF METASEQUOIA GLYPTOSTROBOIDES. PROC. JAPAN ACAD. 29: 274-278. 1953. TREE TAXODIACEAE: METASEQUOIA GLYPTOSTROBOIDES. FIELD CHLORIDE, OSMOTIC PRESSURE, CHLORIDE UPTAKE
2115. TAKAHASHI, E. INTRODUCTION TO PLANT NUTRITION. (JAP). AGRIC. HORT. 48: 123-127. 1973. WHEAT: BARLEY: RYEGRASS: ALFALFA: ASPARAGUS: CHARD GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE, LOLIUM PERENNE; LEGUMINOSAE: MEDICAGO SATIVA; LILIACEAE: ASPARAGUS OFFICINALIS; CHENOPODIACEAE: BETA VULGARIS SODIUM, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE
2116. TAKAHASHI, H.; PONGSROYPECH, C.; GUNTARAPOM, S.; SASIPRAPA, V. GERMINATION OF INDICA RICE SEEDS IN RELATION TO WATER DEPTH AND SALINITY. JPN. AGRIC. RES. QUART. 9: 73-75. 1975. RICE GRAMINEAE: ORYZA SATIVA. SODIUM, CHLORIDE ROOT GROWTH, VEGETATIVE GROWTH, GERMINATION
2117. TAKAHASHI, K.; HORIE, Y. TOLERANCE TO SALT WATER OF SEVERAL PLANTS. (JAP. ENG SUM). BULL. GOV. FOR. EXPT. STAT. 183: 131-151. 1965. PINE, JAPANESE RED: CYPRESS, HINOKI: CYPRESS, FALSE; SPINDLE TREE; BASTARD INDIGO; BOX THORN PINACEAE: PINUS DENSIFLORA; CUPRESSACEAE: CHAMAECYPARIS OBUSA; LEGUMINOSAE: AMORPHA FRUTICOSA; CELASTRACEAE: EUONYMUS JAPONICA; SOLANACEAE: LYCIUM CHINENSE; ELAEAGNACEAE: ELAEAGNUS UMBELLATA. SAND, SOIL, POT SODIUM, CHLORIDE, MAGNESIUM CHLORIDE UPTAKE, LEAF INJURY, SALT TOLERANCE
2118. TAL, M. PHYSIOLOGY OF POLYPLOID PLANTS: DNA, RNA, PROTEIN, AND ABSCISIC ACID IN AUTOTETRAPLOID AND DIPLOID TOMATO UNDER LOW AND HIGH SALINITY. BOT. GAZ. 138: 119-122. 1977. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. GREENHOUSE, WATER CULTURE SODIUM, CHLORIDE PROTEIN, DESOXYRIBONUCLEIC ACID, RIBONUCLEIC ACID, ABSCISIC ACID
2119. TAL, M. SALT TOLERANCE IN THE WILD RELATIVES OF THE CULTIVATED TOMATO. RESPONSES OF LYCOPERSICON ESCULENTUM, L. PERUVIANUM AND L. ESCULENTUM MINOR TO SODIUM CHLORIDE SOLUTION. AUST. J. AGRIC. RES. 22: 631-638. 1971. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM, LYCOPERSICON PERUVIANUM. GREENHOUSE, POT, WATER CULTURE SODIUM, CHLORIDE FRUIT QUALITY, VEGETATIVE GROWTH, WATER CONTENT, MINERAL COMPOSITION
2120. TAL, M.; GARDI, I. PHYSIOLOGY OF POLYPLOID PLANTS: WATER BALANCE IN AUTOTETRAPLOID AND DIPLOID TOMATO UNDER LOW AND HIGH SALINITY. PHYSIOL. PLANT. 38: 257-261. 1976. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM WATER CULTURE, GREENHOUSE SODIUM, CHLORIDE WATER CONTENT, TRANSPIRATION
2121. TAL, M.; GAVISH, U. SALT TOLERANCE IN THE WILD RELATIVES OF THE CULTIVATED TOMATO: WATER BALANCE AND ABSCISIC ACID IN

- LYCOPERSICON ESCULENTUM AND L. PERUVIANUM UNDER LOW AND HIGH SALINITY. AUST. J. AGRIC. RES. 24: 353-361. 1973.
TOMATO SOLANACEAE; LYCOPERSICON ESCULENTUM, LYCOPERSICON PERUVIANUM. GREENHOUSE, WATER CULTURE, POT SODIUM,
SULFATE, CHLORIDE, CALCIUM TRANSPIRATION, WATER BALANCE, ABSCISIC ACID
2122. TALOUMIS, G. CAN WE SAVE OUR TREES FROM ROAD SALT. YANKEE (JAN.): 68-69, 146, 149-150. 1970. TREE
2123. TAMHANE, V. A.; IYENGAR, M. A. S. SALT TOLERANCE OF PLANTS AS INDUCED BY PRESOWING TREATMENT OF SEEDS. CURR. SCI. 2:
436-437. 1934. WHEAT; SORGHUM; BARLEY; BEAN; HYACINTH GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE, SORGHUM
BICOLOR, SORGHUM VULGARE; LEGUMINOSAE: DOLICHOS LABLAB. SAND SEED PRETREATMENT, SODIUM, CHLORIDE GERMINATION
2124. TANIMOTO, T. T. DIFFERENTIAL PHYSIOLOGICAL RESPONSE OF SUGARCANE VARIETIES TO OSMOTIC PRESSURES OF SALINE MEDIA.
CROP SCI. 9: 683-688. 1969. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. WATER CULTURE, POT SODIUM,
CHLORIDE, VARIETY, OSMOTIC PRESSURE FLOWERING, PHOSPHORUS UPTAKE, SODIUM UPTAKE
2125. TANPURE, V. D.; BARDE, N. K.; BALLAL, D. K. EFFECT OF QUALITY OF WELL WATER ON THE GERMINATION AND GROWTH OF WHEAT IN
SALINE ALKALI SOILS. AGRIC. AGROIND. J. 6: 23-26. 1973. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL,
CLAY, SANDY CLAY SODIUM, BICARBONATE, CHLORIDE VEGETATIVE GROWTH, GERMINATION, GRAIN YIELD
2126. TARUSOV, B. N.; DZHANUMOV, D. A.; VESELOVSKII, V. A.; SHCHERBAKOV, A. A. EFFECT OF SALTS ON PROLONGED AFTERGLOW IN
PLANT LEAVES. SOVIET PLANT PHYSIOL. 18: 845-849. 1971. BEAN; PEA; WHEAT LEGUMINOSAE: PHASEOLUS VULGARIS,
PISUM SATIVUM; GRAMINEAE: TRITICUM AESTIVUM. POTASSIUM, SODIUM, CHLORIDE, SULFATE, CARBONATE PHOTOSYNTHESIS
2127. TAYLOR, R. M.; LANKFORD, M. K. SECONDARY DORMANCY IN COTTON. CROP SCI. 12: 195-196. 1972. COTTON MALVACEAE:
GOSSYPIUM HIRSUTUM. SODIUM, CALCIUM, CHLORIDE, TEMPERATURE GERMINATION
2128. TAYLOR, R. M.; YOUNG, E. F., JR.; RIVERA, R. L. SALT TOLERANCE IN CULTIVARS OF GRAIN SORGHUM. CROP SCI. 15: 734-735.
1975. SORGHUM GRAMINEAE: SORGHUM VULGARE. POT, WATER CULTURE VARIETY, SODIUM, CALCIUM, CHLORIDE
VEGETATIVE GROWTH
2129. TEMPLE, P. J.; LINZON, S. H. BORON AS A PHYTOTOXIC AIR POLLUTANT. J. AIR POLLUT. CONTROL ASSOC. 26: 498-499. 1976.
MAPLE, NORWAY; MULBERRY, RED; GRAPE, WILD; HONEYSUCKLE, TATARIAN; MAPLE, SILVER; BUTTERNUT; MAPLE, SUGAR; BOX
ELDER; HACKBERRY; BUCKTHORN; BRIDAL-WREATH; SPIRAEA; TREE-OF-HEAVEN; ALLANTHUS; APPLE; ELM, AMERICAN; ELM, CHINESE;
LILAC; PEAR; PRIVET ACERACEAE: ACER PLATANOIDES, ACER SACCHARINUM, ACER SACCHARUM, ACER NEGUNDO; MORACEAE: MORUS
RUBRA; VITACEAE: VITIS RIPARIA; CAPRIFOLIACEAE: LONICERA TATARICA; RHAMNACEAE: RHAMNUS CATHARTICA; SIMARUBACEAE:
AILANTHUS ALTISSIMA; JUGLANDACEAE: JUGLANS CINEREA; ULMACEAE: CELTIS OCCIDENTALIS, ULMUS AMERICANA, ULMUS
PARVIFOLIA; ROSACEAE: PYRUS MALUS, PYRUS COMMUNIS, SPIRAEA VANHOUTEI; OLEACEAE: SYRINGA VULGARIS, LIGUSTRUM
VULGARE. FIELD, SOIL AIR POLLUTION, BORON LEAF INJURY, BORON UPTAKE
2130. TER-KARAPETIAN, M. S.; AKOPYAN, B. A. VARIATION IN AMINO ACID CONTENT OF THE LEAVES OF GOEBELIA ALOPECUROIDES UNDER
CONDITIONS OF SALINE SOILS. (RUSS.). AKAD. NAUK. ARMJANSKOI SSR, DOK. 29: 117-120. 1957. LEGUMINOSAE: GOEBELIA
ALOPECUROIDES. SALINE SOIL AMINO ACID
2131. TERRA, G. J. A. SUITABILITY OF PLANTS FOR DRY AND SALINE REGIONS. INTERN. HORT. CONG. REPT. 14: 377-384. 1955.
COCONUT; COWPEA; BEAN; HYACINTH; HIBISCUS; TARO; POTATO, SWEET; EGGPLANT LEGUMINOSAE: VIGNA SINENSIS, DOLICHOS
LABLAB, CYAMOPSIS PSORALOIDES, INOCARPUS EDULIS; PALMACEAE: Cocos NUCIFERA; MALVACEAE: HIBISCUS CANNABINUS;
CYPERACEAE: HELEOCHARIS DUCILIS; ARACEAE: COLOCASIA ESCULENTA; CONVULVULACEAE: IPOMOEA BATATAS; SOLANACEAE: SOLANUM
MELONGENA.
2132. TESU, C.; MERLESCU, E.; AVARVAREI, I. SOLURI SALINE-ALCALICE DIN CIMPIA MOLDOVEI CULTIVABILE CU HIBRIZI DUBLI DE
PORUMB, TOLERANTI LA SALINITATE, SALINE ALKALIC SOILS OF THE MOLDAVIAN PLAIN CULTIVABLE WITH SALINITY TOLERANT
DOUBLE MAIZE HYBRIDS. (ROM; ENG SUM). INST. AGRON. "ION IGNESESCU DE LA BRAD" IASI LUCR. STIINT. I AGRON. HORT.:
41-48. 1970. CORN GRAMINEAE: ZEA MAYS. SALINE SOIL, SULFATE, CHLORIDE SALT TOLERANCE

2133. TESU, C.; MERLESCU, E.; AVARVAREI, I.; TESU, V. TOLERANTA LA SALINITATE LA CITEVA LEGUMINOASE CULTIVATE IN LUNCA DAHLUIULUI. SALT TOLERANCE OF SOME LEGUMES CROPPED IN THE FLOOD PLAIN OF THE DAHLUIU RIVER. (RUM. ENG SUM). STINT. SOLULUI. 11: 57-62. 1973. SOYBEAN; BEAN; BEAN, BROAD; PEA LEGUMINOSAE: GLYCINE HISPIDA, GLYCINE MAX, PHASEOLUS VULGARIS, VICIA FABA, PISUM SATIVUM. FIELD, SOIL SALINE SOIL, SULFATE SALT TOLERANCE
2134. TEYSSENDIER DE LA SERVE, B.; BOUTIN, J. P. POLYMORPHISME DE LA LUZERNE: ETUDE D'UNE SELECTION POUR LA GERMINATION EN PRESENCE DE CHLORURE DE SODIUM AU SEIN DU CULTIVAR GABES. POLYMORPHISM OF ALFALFA: THE EFFECTS OF A SELECTION FOR GERMINATION WITH SODIUM CHLORIDE WITH GABES CULTIVAR. (FRE; ENG SUM). ANN. AMELIOR PLANTES 22: 225-232. 1972. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. GERMINATION DISHES, POT. SOIL SODIUM, CHLORIDE GERMINATION, SEEDLING GROWTH
2135. THERON, E. P.; LUDORF, R.; JONES, A. NOTES ON THE VALUE OF PASPALUM VAGINATUM SW. AS A PASTURE GRASS FOR SALINE AND STRUCTURELESS SOILS. PROC. GRASSL. SOC. SOUTH AFR. 7: 126-129. 1972. GRAMINEAE: PASPALUM VAGINATUM. FIELD, SOIL SODIUM, SULFATE MINERAL COMPOSITION
2136. THIMME GOWDA, S. SALT TOLERANCE OF BARLEY VARIETIES DURING GERMINATION. ANDHRA AGRIC. J. 20: 41-42. 1974. BARLEY GRAMINEAE: HORDEUM VULGARE. GERMINATION DISHES VARIETY, MANNITOL, SODIUM, CHLORIDE GERMINATION, SALT TOLERANCE
2137. THOMAS, E. E. EFFECTS OF CHLORIDES IN THE SOIL ON AVOCADO TREES. CALIF. AVOCADO SOC. YEARBOOK 1932: 48-49. 1932. AVOCADO LAURACEAE: PERSEA AMERICANA.
2138. THOMAS, J. E. THE DIAGNOSTIC VALUE OF THE CHORINE CONTENT OF THE VINE LEAF. J. COUNC. SCI. AND IND. RES., COMMONWEALTH OF AUSTRALIA 7: 29-38. 1934. GRAPE VITACEAE: VITIS. FIELD, SOIL SALINE SOIL, CHLORIDE LEAF INJURY, CHLORIDE UPTAKE
2139. THOMAS, L. K. ROAD SALT (SODIUM CHLORIDE) INJURY TO KENTUCKY BLUEGRASS. HIGHWAY RES. RECORD 161: 116-120. 1967. BLUEGRASS, KENTUCKY GRAMINEAE: POA PRATENSIS. FIELD DEICING SALT, SODIUM, CALCIUM, CHLORIDE LEAF INJURY, CHLORIDE UPTAKE
2140. THOMAS, L. K., JR. NOTES ON WINTER ROAD SALTING (SODIUM CHLORIDE) AND VEGETATION. U. S. DEPT. INTER., NAT. PARK SERV., SCIENTIFIC REPT. 3: 1-22. 1965. BLUEGRASS, KENTUCKY GRAMINEAE: POA PRATENSIS. FIELD, SOIL DEICING SALT, SODIUM, CHLORIDE LEAF INJURY, VEGETATIVE GROWTH
2141. THOMAS, L. K., JR.; BEAN, G. A. WINTER ROCK SALT INJURY TO TURF (POA PRATENSIS L.). U. S. DEPT. INTER., NAT. PARK SERVICE, SCIENTIFIC REPT. 5: 33-54. 1965. BLUEGRASS, KENTUCKY GRAMINEAE: POA PRATENSIS. FIELD, SOIL DEICING SALT, SODIUM, CHLORIDE LEAF INJURY, CHLORIDE UPTAKE
2142. THORNE, D. W. CALCIUM CARBONATE AND EXCHANGEABLE SODIUM IN RELATION TO THE GROWTH AND COMPOSITION OF PLANTS. SOIL SCI. SOC. AMER. PROC. 11: 397-401. 1946. TOMATO; BARLEY SOLANACEAE: LYCOPERSICON ESCULENTUM, GRAMINEAE: HORDEUM VULGARE. CLAY, SAND, POT CALCIUM, CARBONATE, SODIUM VEGETATIVE GROWTH, MINERAL COMPOSITION
2143. THORNE, D. W. GROWTH AND NUTRITION OF TOMATO PLANTS AS INFLUENCED BY EXCHANGEABLE SODIUM, CALCIUM, AND POTASSIUM. SOIL SCI. SOC. AMER. PROC. 9: 185-189. 1945. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. CLAY, SAND, POT, GREENHOUSE SODIUM, CALCIUM, POTASSIUM VEGETATIVE GROWTH, MINERAL COMPOSITION
2144. TIKU, B. L. ECOPHYSIOLOGICAL ASPECTS OF HALOPHYTE ZONATION IN SALINE SLOUGHS. PLANT SOIL 43: 355-369. 1975. SALTGRASS, DESERT; GLASSWORT; HALOPHYTE GRAMINEAE: DISTICHLIS STRICTA, CHENOPODIACEAE: SALICORNIA RUBRA. FIELD, SOIL SALINE SOIL VEGETATIVE GROWTH, OSMOTIC POTENTIAL
2145. TIKU, B. L. EFFECT OF SALINITY ON THE PHOTOSYNTHESIS OF THE HALOPHYTE SALICORNIA RUBRA AND DISTICHLIS STRICTA. PHYSIOL. PLANT. 37: 23-28. 1976. HALOPHYTE CHENOPODIACEAE: SALICORNIA RUBRA; GRAMINEAE: DISTICHLIS STRICTA. POT, WATER CULTURE, GREENHOUSE, GROWTH CHAMBER SODIUM, CHLORIDE, ETHYLENE GLYCOL VEGETATIVE GROWTH.

RESPIRATION. OSMOTIC POTENTIAL

2146. TIKU, B. L.; SNAYDON, R. W. SALINITY TOLERANCE WITHIN THE GRASS SPECIES AGROSTIS STOLONIFERA L. PLANT SOIL 35: 421-431. 1971. BENTGRASS GRAMINEAE: AGROSTIS STOLONIFERA. WATER CULTURE. SAND SODIUM, CHLORIDE. POTASSIUM SODIUM UPTAKE
2147. TILL, M. R. SALT ACCUMULATION IN A SANDY SOIL UNDER SPRINKLER IRRIGATION. ITS INFLUENCE ON APRICOT TREE HEALTH AND ITS REMOVAL BY LEACHING. EXPT. REC. DEPT. AGRIC. SOUTH AUST. 5: 40-51. 1970. APRICOT ROSACEAE: PRUNUS ARMENIACA. FIELD. SOIL. SPRINKLER IRRIGATION SALINE SOIL SODIUM UPTAKE. CHLORIDE UPTAKE
2148. TIMIRYAZEV, K. A. SALT AND COLD TOLERANCE OF CULTIVATED GRASSES. IN VYOSLIVOST RASTENII (TOLERANCE OF PLANTS). SERGEEV, L. I. (ED.). IZD. "SOVETSKAYA NAUKA". MOSCOW: 82-122. 1953. WHEATGRASS. INTERMEDIATE: WHEATGRASS. TALL GRAMINEAE: AGROPYRON INTERMEDIUM. AGROPYRON ELONGATUM. POT. SOIL SODIUM, CHLORIDE. SULFATE. CARBONATE SALT TOLERANCE
2149. TONIOLO, L.; DE POLI, E. CONTRIBUTO ALLO STUDIO DEL COMPORTAMENTO DI DIVERSE SPECIE AGRARIE IN AMBIENTE SALINO. CONTRIBUTION TO THE STUDY OF THE BEHAVIOR OF VARIOUS CROPS IN SALINE MEDIA. (ITA). AGRIC. VENEZIE 12: 260-283. 1958. RICE: BARLEY: OATS: WHEAT: BEAN: PEA: MEDIC: BEET GRAMINEAE: ORYZA SATIVA. HORDEUM VULGARE. AVENA SATIVA. TRITICUM AESTIVUM. LEGUMINOSAE: PHASEOLUS VULGARIS. PISUM SATIVUM. MEDICAGO: CHENOPODIACEAE: BETA VULGARIS. POT. SOIL SODIUM, CHLORIDE GERMINATION. CHLORIDE UPTAKE. VEGETATIVE GROWTH
2150. TORRES BERNAL, C.; BINGHAM, F. T. SALT TOLERANCE OF MEXICAN WHEAT. I. EFFECT OF NO3 AND NaCl ON MINERAL NUTRITION, GROWTH AND GRAIN PRODUCTION OF 4 WHEATS. SOIL SCI. SOC. AMER. PROC. 37: 711-715. 1973. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SAND NITRATE. SODIUM, CHLORIDE. VARIETY MINERAL COMPOSITION VEGETATIVE GROWTH
2151. TORRES BERNAL, C.; BINGHAM, F. T.; OERTLI, J. J. SALT TOLERANCE OF MEXICAN WHEAT. II. RELATION TO VARIABLE SODIUM CHLORIDE AND LENGTH OF GROWING SEASON. SOIL SCI. SOC. AMER. PROC. 38: 777-780. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. GERMINATION DISHS. SAND. POT SODIUM, CHLORIDE. VARIETY GERMINATION. SEEDLING GROWTH. SEED YIELD. MINERAL COMPOSITION
2152. TOTAWAT, K. L.; SAXENA, S. N. EFFECT OF INDOLE ACETIC ACID PRESOAKING OF SEEDS AND THE QUALITY OF WATER APPLIED ON LEVELS OF AMINO ACIDS IN ARACHIS HYPOGEA. ANN. ARID ZONE 14: 302-307. 1976. PEANUT LEGUMINOSAE: ARACHIS HYPOGAEA. SOIL. GREENHOUSE INDOLEACETIC ACID. SEED PRETREATMENT. GROWTH REGULATOR. SALINE WATER VEGETATIVE GROWTH
2153. TOTTINGHAM, W. E. A PRELIMINARY STUDY OF THE INFLUENCE OF CHLORIDES ON THE GROWTH OF CERTAIN AGRICULTURAL PLANTS. J. AMER. SOC. AGRON. 11: 1-32. 1919. WHEAT: BUCKWHEAT: RADISH: CARROT: PARSNIP: BEET. SUGAR: POTATO GRAMINEAE: TRITICUM AESTIVUM: POLYGONACEAE: FAGOPYRUM ESCULENTUM: UMBELLIFERAE: DANCUS CAROTA VAR SATIVA. PASTINACA SATIVA: CRUCIFERAE: RAPHANUS SATIVUS: CHENOPODIACEAE: BETA VULGARIS: SOLANACEAE SOLANUM TUBEROSUM. GREENHOUSE SOIL. FIELD PLOT. POT. WATER CULTURE POTASSIUM, SODIUM, MAGNESIUM, CHLORIDE. SULFATE ROOT GROWTH. VEGETATIVE GROWTH. GLUCOSE. SUCROSE. STARCH
2154. TOUCHTON, G. T.; BOSWELL, F. C. BORON APPLICATION FOR CORN GROWN ON SELECTED SOUTHEASTERN SOILS. AGRON. J. 67: 197-200. 1975. CORN GRAMINEAE: ZEA MAYS. FIELD PLOT. SOIL BORON. SPRINKLER IRRIGATION. IRRIGATION METHOD. FURROW IRRIGATION LEAF INJURY. TOXICITY. VEGETATIVE GROWTH
2155. TOUCHTON, G. T.; BOSWELL, F. C. EFFECTS OF BORON APPLICATION OF SOYBEAN FIELD. CHEMICAL COMPOSITION AND RELATED CHARACTERISTICS. AGRON. J. 67: 417-420. 1975. SOYBEAN LEGUMINOSAE: GLYCINE MAX. FIELD PLOT. SOIL. SPRINKLER IRRIGATION BORON TOXICITY. LEAF INJURY. BORON UPTAKE. VEGETATIVE GROWTH
2156. TOUSSAINT, C. G. BOOMTEELT EN WATERKWALITEIT. TREE CULTURE AND WATER QUALITY. (DUT). INSIIT LAND WATER MANAGE. RES. MISCELLANEOUS PEPRINT 101: 3PP. 1970. TREE WATER QUALITY SALT TOLERANCE

2157. TRAAEN, A. E. INJURY TO NORWAY SPRUCE ALONG THE ROADSIDE BY $CaCl_2$ (USED TO REDUCE ROAD DUST). MEDD. NORSKE SKOG-ORSKSV. 15: 333-374. 1958. SPRUCE, NORWAY PINACEAE: PICEA ABIES. FIELD, SOIL CALCIUM, CHLORIDE LEAF INJURY
2158. TRAAEN, A. E. INJURY TO NORWAY SPRUCE CAUSED BY CALCIUM CHLORIDE USED AGAINST DUST ON ROADS. INTERN. BOT. CONG. PROC. 7: 185-186. 1950. SPRUCE, NORWAY PINACEAE: PICEA ABIES. FIELD, SOIL CALCIUM, CHLORIDE LEAF INJURY
2159. TREICHEL, S. CRASSULACEENSAURESTOFFWECHSEL BEI EINEM SALZTOLERANTEN VERTRETER DER AIZOACEAE: APLENIA CORDIFOLIA. CRASSULACEAN-ACID METABOLISM IN A SALT TOLERANT MEMBER OF AIZOACEAE: APLENIA CORDIFOLIA. (GER: ENG SUM). PLANT SCI. LETT. 4: 141-144. 1975. DEW PLANT AIZOACEAE: APLENIA CORDIFOLIA. GROWTH CHAMBER, SOIL SODIUM, CHLORIDE CRASSULACEAN ACID METABOLISM, MALATE, CARBON DIOXIDE FIXATION, PHOSPHOENOLPYRUVATE CARBOXYLASE
2160. TREICHEL, S. DER EINFLUSS VON NaCl AUF DIE PROLINKONZENTRATION VERSCHIEDENER HALOPHYTEN. THE EFFECT OF SODIUM CHLORIDE ON THE CONCENTRATION OF PROLINE IN DIFFERENT HALOPHYTES. (GER: ENG SUM). Z. PFLANZENPHYSIOL. 76: 56-68. 1975. HALOPHYTE CHENOPODIACEAE: SALICORNIA FRUTICOSA; AIZOACEAE: MESEMBRYANTHEMUM NODIFLORUM; COMPOSITAE: ASTER TRIPOLIUM. WATER CULTURE SODIUM, CHLORIDE PROLINE SYNTHESIS
2161. TROUGHTON, A. EFFECT OF SODIUM CHLORIDE ON THE GROWTH OF LOLIUM PERENNE. PLANT SOIL 27: 148-150. 1967. RYEGRASS, PERENNIAL; RYEGRASS, ENGLISH GRAMINEAE: LOLIUM PERENNE. WATER CULTURE, POT SODIUM, CHLORIDE ROOT GROWTH, VEGETATIVE GROWTH
2162. TSENOV, E. I.; STROGONOV, B. P.; KABANOV, V. V. EFFECT OF NaCl ON CONTENT AND SYNTHESIS OF NUCLEIC ACIDS IN TOMATO TISSUES. SOVIET PLANT PHYSIOL. 20: 40-46. 1973. TOMATO SOLANACEAE: LYCOPERSICON ESCULENTUM. WATER CULTURE, POT SODIUM, CHLORIDE NUCLEIC ACID, DESOXYRIBONUCLEIC ACID, RIBONUCLEIC ACID, VEGETATIVE GROWTH
2163. TSING, T.; YI-HSIUNG, F. A PRELIMINARY INVESTIGATION ON SALT TOLERANCE OF RICE. (CHI: ENG SUM). ACTA BOT. SIN. 6: 91-102. 1957. RICE GRAMINEAE: ORYZA SATIVA. POT, SOIL SODIUM, CHLORIDE, GROWTH STAGE SALT TOLERANCE, GRAIN YIELD, CHLORIDE UPTAKE
2164. TSING, T.; YI-HSIUNG, F.; WAN-LI, W. SALT TOLERANCE OF SOME POPLAR TREES IN NORTH KIANGSU. (CHI: ENG SUM). ACTA BOT. SIN. 5: 153-176. 1956. CHINABERRY; TREE-OF-HEAVEN; TALLOW TREE, CHINESE; LOCUST, BLACK; LOCUST, HONEY; PAGODA TREE, JAPANESE; BASTARD INDIGO; ARBORVITAE, ORIENTAL; WALNUT, ENGLISH; CATALPA; HACKBERRY, OAK; ELM, SIBERIAN; TAMARISK, CHINESE LEGUMINOSAE: ROBINIA PSEUDOACACIA, GLEDITSIA SINENSIS, SOFHORA JAPONICA, AMORPHA FRUTICOSA; MELIACEAE: MELIA AZEDARACH; SIMAROUACEAE: AILANTHUS ALTISSIMA; CUPRESSACEAE: THUJA ORIENTALIS; JUGLANDACEAE: JUGLANS REGIA; EUPHORBIACEAE: SAPIUM SEBIFERUM; BIGNONIACEAE: CATALPA OVATA; FAGACEAE: QUERCUS ACUTISSIMA; TAMARICACEAE: TAMARIX CHINENSIS; ULMACEAE: ULMUS PUMILA, CELTIS JULIANAE. POT, SOIL SODIUM, CHLORIDE SALT TOLERANCE, GERMINATION, TOXICITY, SEEDLING GROWTH
2165. TULAIKOV, N. M. THE PLANT AND THE SALT OF THE SOIL. (RUS). IN GIORN. OPUITN AGRON. (RUSS. J. EXPT. LANDW.) 13: 27-52. 1912. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL OSMOTIC PRESSURE GERMINATION, SEEDLING GROWTH, VEGETATIVE GROWTH
2166. TULAIKOV, N. M. THE SOIL SOLUTION AND ITS IMPORTANCE IN THE GROWTH OF PLANTS. SOIL SCI. 15: 229-233. 1923. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL SODIUM, MAGNESIUM, SULFATE, NITRATE VEGETATIVE GROWTH, GRAIN YIELD, TRANSPIRATION
2167. TULLIN, V. RESPONSE OF THE SUGAR BEET TO COMMON SALT. PHYSIOL. PLANT. 7: 810-834. 1954. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. GREENHOUSE, SAND, POT SODIUM, CHLORIDE VEGETATIVE GROWTH, TRANSPIRATION, MINERAL COMPOSITION
2168. TUR, N. S. THE PHYSIOLOGY OF THE RESISTANCE OF RICE TO SALT (RUS). TR. KUBAN S-KH. INST.: 54-58. 1969. RICE GRAMINEAE: ORYZA SATIVA. SODIUM, CHLORIDE, AMMONIUM, SULFATE, NITRATE RIBONUCLEIC ACID, DESOXYRIBONUCLEIC ACID, CYTOCHROME OXIDASE, POLYPHENOL OXIDASE, PROTEIN

2169. TWERSKY, M.; FELHENDLER, R. EFFECT OF WATER QUALITY ON RELATIONSHIPS BETWEEN CATIONIC SPECIES AND LEAF LIPIDS AT TWO DIFFERENT DEVELOPMENT STAGES IN COTTON. *PHYSIOL. PLANT.* 29: 396-401. 1973. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. SOIL. FIELD PLOT. WATER QUALITY. GROWTH STAGE. BRACKISH WATER. MORPHOLOGY. LIPID. MINERAL COMPOSITION
2170. UDOVENKO, G. V. THE SALT TOLERANCE OF CULTIVATED PLANTS AND ITS PHYSIOLOGICAL NATURE. (RUS. ENG. SUM). *TRUDY PO PRIKLADNOI BOTANIKE, GENETIKE I SELEKTSII* 54: 173-187. 1975.
2171. UDOVENKO, G. V.; ALEKSEEVA, L. I. EFFECT OF SALINIZATION ON INITIAL STAGES OF PLANT GROWTH. *SOVIET PLANT PHYSIOL.* 20: 228-235. 1973. WHEAT GRAMINEAE: TRITICUM AESTIVUM. WATER CULTURE. SODIUM. CHLORIDE. OSMOTIC PRESSURE. GERMINATION. SEEDLING GROWTH
2172. UDOVENKO, G. V.; BERLIAND-KOZHEVNIKOV, V. M.; ALEKSEEVA, L. I. INTRAVARIETAL VARIABILITY OF SALT TOLERANCE IN WHEAT. (RUS). *VESTN S-KH. NAUKI (MOSCOW)* 8: 51-61. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT. SAND. GREENHOUSE. SODIUM. CHLORIDE. VARIETY. SEEDLING GROWTH. SALT TOLERANCE. VEGETATIVE GROWTH. GRAIN YIELD. SEED WEIGHT. GERMINATION. OSMOTIC PRESSURE
2173. UDOVENKO, G. V.; EVDOKIMOV, V. M. CHANGE OF PLANT SALT RESISTANCE DURING ONTOGENESIS IN CONNECTION WITH CERTAIN PROPERTIES OF THE PROTOPLASM. *SOVIET PLANT PHYSIOL.* 17: 487-493. 1970. BARLEY; WHEAT; MILLET; AFRICAN; BEAN GRAMINEAE: HORDEUM VULGARE, TRITICUM AESTIVUM. ELEusine CORACANA; LEGUMINOSAE: VICIA FABA. GROWTH STAGE. SODIUM. CHLORIDE. SALT TOLERANCE. MINERAL COMPOSITION
2174. UDOVENKO, G. V.; GRADCHANINOVA, O. D.; GUDKOVA, G. N.; SEMUSHINA, L. A.; MIROZOVA, A. G. STRUCTURAL AND ANATOMICAL CHANGES IN PLANTS GROWN UNDER SALINITY AND THEIR PHYSIOLOGICAL IMPORTANCE. (RUS; ENG. SUM). *FIZIOL. I BIOKHIMIYA KUL'TURNYKH RAST.* 8: 288-292. 1976. BARLEY; WHEAT; BEAN. BROAD GRAMINEAE: HORDEUM VULGARE, TRITICUM AESTIVUM; LEGUMINOSAE: VICIA FABA. POT. WATER CULTURE. SODIUM. CHLORIDE. POLYETHYLENE GLYCOL. CYTOLOGY. ANATOMICAL RESPONSE. MORPHOLOGY
2175. UDOVENKO, G. V.; GRADCHANINOVA, O. D.; SEMUSHINA, L. A. MORPHOLOGICAL AND ANATOMICAL CHANGES IN WHEAT LEAVES AND ROOTS WITH INCREASING SOIL SALINITY. (RUS; ENG. SUM). *BOTANICHESKII J.* 55: 931-937. 1970. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL. SODIUM. CHLORIDE. SULFATE. MORPHOLOGY. ANATOMICAL RESPONSE. CYTOLOGY
2176. UDOVENKO, G. V.; IVANOV, Y. M. ACCUMULATION OF IONS BY PLANTS DIFFERENT BY SALT TOLERANCE. (RUS; ENG. SUM). *FIZIOL. BIOKHIM. KUL'T RAST. PHYSIOL. BIOCHEM. CULTIV. PLANTS* 4: 514-516. 1972. LUPINE; PEA. CHICK. LEGUMINOSAE: LUPINUS, CICER ARIETINUM. FIELD PLOT. SOIL. SODIUM. CHLORIDE. VARIETY. SALT TOLERANCE
2177. UDOVENKO, G. V.; KHAZOVA, G. V. CHARACTER OF THE METABOLIC ADAPTATION OF PLANTS TO SOIL SALINIZATION. (RUS). *AGROKHIMIYA* 4: 104-115. 1976. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SAND. SODIUM. CHLORIDE. MINERAL COMPOSITION. LIPID. METABOLISM. RIBONUCLEIC ACID. DESOXYRIBONUCLEIC ACID. RESPIRATION
2178. UDOVENKO, G. V.; KHAZOVA, G. V.; LUK'YANOVA, N. M. PHOSPHATE METABOLISM IN PLANTS UNDER CONDITIONS OF SALINIZATION. *SOVIET PLANT PHYSIOL.* 18: 1003-1009. 1971. WHEAT; BARLEY GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE. SAND. GREENHOUSE. SODIUM. CHLORIDE. SULFATE. PHOSPHATE METABOLISM. RIBONUCLEIC ACID. DESOXYRIBONUCLEIC ACID. NUCLEOTIDE. VEGETATIVE GROWTH
2179. UDOVENKO, G. V.; KHAZOVA, G. V.; NASTINOVA, G. E. CHANGES IN THE RATE AND ENERGY EFFICIENCY OF RESPIRATION IN PLANTS OF DIFFERENT SALT RESISTANCE UNDER CONDITIONS OF SALINIZATION. *SOVIET PLANT PHYSIOL.* 19: 676-682. 1972. BARLEY; WHEAT; BEAN GRAMINEAE: HORDEUM VULGARE, TRITICUM AESTIVUM; LEGUMINOSAE: PHASEOLUS VULGARIS. GREENHOUSE. SAND. SODIUM. CHLORIDE. SULFATE. RESPIRATION. OXYGEN UPTAKE
2180. UDOVENKO, G. V.; MASHANSKII, V. F.; SINITSKAYA, I. A. CHANGES OF ROOT CELL ULTRASTRUCTURE UNDER SALINIZATION IN PLANTS OF DIFFERENT SALT RESISTANCE. *SOVIET PLANT PHYSIOL.* 17: 813-818. 1970. WHEAT; BEAN GRAMINEAE: TRITICUM AESTIVUM; LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE. GREENHOUSE. SODIUM. CHLORIDE. POLYETHYLENE GLYCOL. VARIETY. ROOT GROWTH. MORPHOLOGY

2181. UDOVENKO, G. V.; SEMUSHINA, L. A. THE AVAILABILITY OF MOISTURE TO PLANTS AND THEIR SALT RESISTANCE. (RUS; ENG SUM). SEL'SKOKHOZ BIOL. 5: 864-868. 1970. BARLEY; WHEAT; CORN GRAMINEAE; HORDEUM VULGARE, TRITICUM AESTIVUM, ZEA MAYS. GREENHOUSE. SOIL. SAND SODIUM. CHLORIDE. SULFATE. WATER STRESS TRANSPIRATION
2182. UDOVENKO, G. V.; SEMUSHINA, L. A. PRODUCTIVITY, ACCUMULATION OF SALTS AND AQUEOUS OSMOTIC PROPERTIES OF PLANTS AT PURE AND MIXED SALINIZATION OF SOIL. (RUS). AGROKHIMIYA 11: 90-101. 1970. BARLEY; WHEAT; CORN; PEA GRAMINEAE; HORDEUM VULGARE, TRITICUM AESTIVUM, ZEA MAYS; LEGUMINOSAE; PISUM SATIVUM. POT. SOIL. SAND SODIUM. CHLORIDE. SULFATE. POLYETHYLENE GLYCOL VEGETATIVE GROWTH. TRANSPIRATION. OSMOTIC PRESSURE. CHLORIDE UPTAKE. SULFATE UPTAKE. SODIUM UPTAKE. MINERAL COMPOSITION
2183. UDOVENKO, G. V.; SEMUSHINA, L. A.; PETROCHENKO, N. G. CHARACTER AND PROBABLE CAUSES OF THE CHANGES IN THE PHOTOSYNTHETIC ACTIVITY OF PLANTS DURING SALINIZATION. SOVIET PLANT PHYSIOL. 18: 598-604. 1972. BARLEY; WHEAT; BEAN GRAMINEAE; HORDEUM VULGARE, TRITICUM AESTIVUM; LEGUMINOSAE; PHASEOLUS VULGARIS. SAND SODIUM. CHLORIDE. SULFATE PHOTOSYNTHESIS
2184. UDOVENKO, G. V.; SEMUSHINA, L. A.; SAAKOV, V. S.; GALKIN, V. I.; KOSHKIN, V. A.; KUNCHENKO, T. A. EFFECT OF SALINIZATION ON THE STATE AND ACTIVITY OF THE PHOTOSYNTHESIS APPARATUS IN PLANTS. SOVIET PLANT PHYSIOL. 21: 508-513. 1974. WHEAT; BARLEY GRAMINEAE; TRITICUM AESTIVUM, HORDEUM VULGARE. SAND SODIUM. CHLORIDE PHOTOSYNTHESIS. RESPIRATION
2185. UDOVENKO, G. V.; SINEL'NIKOVA, V. N. THE DEPENDENCE OF SEEDLING GROWTH ON SUBSTRATE SALINITY. (RUS). DOKL. VSES. (ORDENA LENINA) AKAD. S-KH. NAUK. IM. V I LENINA 9:21-22. 1972. BEAN; WHEAT LEGUMINOSAE; PHASEOLUS VULGARIS; GRAMINEAE; TRITICUM AESTIVUM. SAND SODIUM. CHLORIDE SEEDLING GROWTH
2186. UDOVENKO, G. V.; SINEL'NIKOVA, V. N.; KHAZOVA, G. V. EFFECT OF SALTING ON INITIAL STAGES OF NITROGEN METABOLISM IN PLANTS. DOKL. AKAD. NAUK. SSSR: 47-49. 1970. BARLEY; WHEAT; BEAN; PEA GRAMINEAE; HORDEUM VULGARE, TRITICUM AESTIVUM; LEGUMINOSAE; PISUM SATIVUM, PHASEOLUS VULGARIS. SAND SODIUM. CHLORIDE. SULFATE NITROGEN METABOLISM. NITROGEN UPTAKE
2187. UDOVENKO, G. V.; SINEL'NIKOVA, V. N.; KHAZOVA, G. V. EFFECT OF SUBSTRATE SALINITY ON NITROGEN METABOLISM OF PLANTS HAVING DIFFERENT SALT TOLERANCE. (RUS). AGROKHIMIYA 3: 23-31. 1971. BARLEY; WHEAT; PEA; BEAN GRAMINEAE; HORDEUM VULGARE, TRITICUM AESTIVUM; LEGUMINOSAE; PHASEOLUS VULGARIS, PISUM SATIVUM. POT. SAND SODIUM. CHLORIDE. SULFATE VEGETATIVE GROWTH. NITROGEN UPTAKE. PROTEIN
2188. UHVITS, R. THE EFFECT OF OSMOTIC PRESSURE ON WATER ABSORPTION AND GERMINATION OF ALFALFA SEEDS. AMER. J. BOT. 33: 278-285. 1946. ALFALFA LEGUMINOSAE; MEDICAGO SATIVA. GERMINATION DISHES. POT. SAND SODIUM. CHLORIDE. MANNITOL GERMINATION. EMERGENCE. ROOT GROWTH
2189. UNGAR, I. A. AN ECOLOGICAL STUDY OF THE VEGETATION OF THE BIG SALT MARSH, STAFFORD COUNTY, KANSAS. UNIV. KANSAS SCIENTIFIC BULL. 46: 1-99. 1965. NATIVE VEGETATION SOIL. FIELD SALINE SOIL ECOLOGY
2190. UNGAR, I. A. THE EFFECT OF SALINITY AND TEMPERATURE ON SEED GERMINATION AND GROWTH OF HORDEUM JUBATUM. CAN. J. BOT. 52: 1357-1362. 1974. BARLEY, SQUIRRELTAIL GRAMINEAE; HORDEUM JUBATUM. GERMINATION DISHES. GROWTH CHAMBER TEMPERATURE. LIGHT. SODIUM. CHLORIDE GERMINATION. SEEDLING GROWTH
2191. UNGAR, I. A. INFLUENCE OF SALINITY AND TEMPERATURE ON SEED GERMINATION. OHIO J. SCI. 67: 120-123. 1967. GLASSWORT; ALFALFA; SPURRY. SAND CHENOPODIACEAE; SALICORNIA EUROPAEA; CARYOPHYLLACEAE; SPERGULARIA MARINA; LEGUMINOSAE; MEDICAGO SATIVA. GERMINATION DISHES. GROWTH CHAMBER SODIUM. CHLORIDE. TEMPERATURE GERMINATION
2192. UNGAR, I. A. INFLUENCE OF SALINITY ON SEED GERMINATION IN SUCCULENT HALOPHYTES. ECOLOGY 43: 763-764. 1962. SPURRY, CORN; SEA BLITE; GLASSWORT CHENOPODIACEAE; SUAEDA DEPRESSA, SUAEDA LINEARIS, SALICORNIA DEPRESSA; CARYOPHYLLACEAE; SPERGULARIA MARINA. GERMINATION DISHES SODIUM. CHLORIDE GERMINATION

2193. UNGAR, I. A. INLAND HALOPHYTES OF THE UNITED STATES. ECOL. HALOPHYTES: 235-305. 1974. NATIVE VEGETATION FIELD. SOIL SALINE SOIL ECOLOGY
2194. UNGAR, I. A. A PHYTOSOCIOLOGICAL ANALYSIS OF THE BIG SALT MARSH, STAFFORD COUNTY, KANSAS. TRANS. KANSAS ACAD. SCI. 67: 50-64. 1964. NATIVE VEGETATION FIELD. SOIL SALINE SOIL ECOLOGY
2195. UNGAR, I. A. SALINITY TOLERANCE OF INLAND HALOPHYTIC VEGETATION OF NORTH AMERICA. BULL. SOC. BOT. FR. 120: 217-222. 1973. HALOPHYTE GRAMINEAE: DISTICHLIS STRICTA, PUCCINELLIA NUTTALLIANA, HORDEUM JUBATUM; JUNCAGINACEAE: TRIGLOCHIN MARITIMA; CHENOPODIACEAE: SALICORNIA RUBRA, SUAEDA DEPRESSA, SALICORNIA EUROPAEA, SUAEDA MARITIMA, ATRIPLEX PATULA; RANUNCULACEAE: RANUNCULUS CYMBALARIA; CYPERACEAE: SCIRPUS AMERICANUS; COMPOSITAE: ASTER BRACHYACTIS. FIELD. SOIL SALINE SOIL. SOIL MOISTURE VEGETATIVE GROWTH. WATER POTENTIAL
2196. UNGAR, I. A. SALT TOLERANCE OF PLANTS GROWING IN SALINE AREAS OF KANSAS AND OKLAHOMA. ECOLOGY 47: 154-155. 1966. SALTGRASS; SEA PURSLANE; SEA BLITE; TAMARISK; DROPSEED; SALT BUSH; TULE; THREE SQUARE; WHEATGRASS, WESTERN; DOCK, CURLY; ASTER; BARLEY, SQUIRRELTAIL; CYPRESS, SUMMER; BLUEGRASS; KNOTWEED; SMARTWEED; SPRANGLETOP; BULRUSH GRAMINEAE: DISTICHLIS SPICATA VAR STRICTA, HORDEUM JUBATUM, POA ARIDA, LEPTOCHLOA FASCICULARIS, AGROPYRON SMITHII, SPOROBOLUS AIROIDES, SPOROBOLUS TEXANUS; AIZOACEAE: SESUVIUM VERRUCOSUM; CHENOPODIACEAE: SUAEDA DEPRESSA, ATRIPLEX ARGENTEA, ATRIPLEX PATULA VAR HASTATA, KOCHIA SCOPARIA; TAMARICACEAE: TAMARIX PENTANDRA; COMPOSITAE: IVA ANNUA, BACCHARIS SALICINA, ASTER EXILIS; POLYGONACEAE: POLYGONUM RAMOSISSIMUM, RUMEX CRISPUS; CYPERACEAE: SCIRPUS PALUDOSUS, SCIRPUS ROBUSTUS, SCIRPUS AMERICANUS; GENTIANACEAE: EUSTOMA GRANDIFLORA. FIELD. SOIL SALINE SOIL SALT TOLERANCE. ECOLOGY
2197. UNGAR, I. A.; BOUCAUD, J. ACTION DES FORTES TENEURS EN NaCl SUR L'EVOLUTION DES CYTOKININES AU COURS DE LA GERMINATION D'UN HALOPHYTE: LE SUAEDA MARITIMA (L.) DUM. VAR. MACROCARPA MOQ. THE INFLUENCE OF HIGH CONCENTRATIONS OF SODIUM CHLORIDE ON THE PRODUCTION OF CYTOKININS DURING THE GERMINATION OF A HALOPHYTE SUAEDA MARITIMA VAR. MACROCARPA. (FRE). C. R. HEBD SEANCES ACAD. SCI. SER. D SCI. NAT. 281: 1239-1242. 1975. SEA BLITE CHENOPODIACEAE: SUAEDA MARITIMA VAR MACROCARPA. SODIUM, CHLORIDE CYTOKININ
2198. UNGAR, I. A.; HOGAN, W. C. SEED GERMINATION IN IVA ANNUA L. ECOLOGY 51: 150-154. 1970. COMPOSITAE: IVA ANNUA. GERMINATION DISHES SODIUM, CHLORIDE, TEMPERATURE, SULFATE, BICARBONATE GERMINATION, OSMOTIC POTENTIAL
2199. UNGAR, I. A.; HOGAN, W.; MCCLELLAND, M. PLANT COMMUNITIES OF SALINE SOILS AT LINCOLN NEBRASKA. AMER. MIDL. NAT. 82: 564-577. 1969. NATIVE VEGETATION: SALTGRASS; SALTGRASS, DWARF; SEA BLITE; GLASSWORT; SALT BUSH; BARLEY, SQUIRRELTAIL; KNOTWEED; BLUEGRASS; DOCK, CURLY; CORDGRASS; WHEATGRASS, WESTERN CHENOPODIACEAE: SUAEDA DEPRESSA, SALICORNIA RUBRA, SALICORNIA EUROPAEA, ATRIPLEX PATULA VAR HASTATA; GRAMINEAE: DISTICHLIS STRICTA, HORDEUM JUBATUM, POA ARIDA, SPARTINA PECTINATA, AGROPYRON SMITHII; POLYGONACEAE: RUMEX CRISPUS, POLYGONUM AVICULARE; CYPERACEAE: SCIRPUS PALUDOSUS, SCIRPUS ROBUSTUS, ELEOCHARIS PALUSTRIS, HELEOCHARIS PALUSTRIS; COMPOSITAE: IVA ANNUA. FIELD. SOIL SALINE SOIL, CHLORIDE, SULFATE ECOLOGY, SALT TOLERANCE
2200. UNITED STATES SALINITY LABORATORY STAFF DIAGNOSIS AND IMPROVEMENT OF SALINE AND ALKALINE SOILS. USDA HANDBOOK 60: 160 PP. 1954.
2201. UPHOFF, J. C. HALOPHYTES. BOT. REV. 7: 1-58. 1941. NATIVE VEGETATION
2202. UPRETY, D. C. EFFECT OF PHOSFON-D ON THE SALT TOLERANCE OF PISUM SATIVUM L. VAR. RIMPUS. INDIAN J. EXPT. BIOL. 12: 294-296. 1974. PEA LEGUMINOSAE: PISUM SATIVUM. SOIL, POT SALINE SOIL, PHOSFON VEGETATIVE GROWTH, PROTEIN SYNTHESIS, PROTEOLYSIS
2203. UPRETY, D. C. EFFECT OF SOIL SALINITY ON THE CHEMICAL CONSTITUENTS OF WHEAT VARIETIES. INDIAN J. AGRON. 16: 244-247. 1971. WHEAT GRAMINEAE: TRITICUM AESTIVUM. POT, SOIL VARIETY, SODIUM, CHLORIDE, CALCIUM MINERAL COMPOSITION, SODIUM UPTAKE, CALCIUM UPTAKE
2204. UPRETY, D. C. EFFECT OF SOIL SALINITY ON THE SEED QUALITY OF PISUM SATIVUM (L.). AGRIC. AGROIND. J. 6: 14-16 1973.

- PEA LEGUMINOSAE: PISUM SATIVUM. SOIL. POT VARIETY. SALINE SOIL. CALCIUM. CHLORIDE. SODIUM SEED QUALITY
2205. UPRETY, D. C.; SARIN, M. N. INDUCTION OF SALT TOLERANCE IN PEAS BY PHOSFON-D AND ITS MECHANISM OF ACTION. SCI. CULT. 39: 544-545. 1973. PEA LEGUMINOSAE: PISUM SATIVUM. SOIL. GERMINATION DISHES SALINE SOIL. PHOSFON. GROWTH REGULATOR. VARIETY GERMINATION. SEEDLING GROWTH. PROTEIN
2206. UPRETY, D. C.; SARIN, M. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN PISUM SATIVUM L. I. GERMINATION AND SEEDLING GROWTH. ACTA AGRON. ACAD. SCI. HUNG. 23: 269-274. 1974. PEA LEGUMINOSAE: PISUM SATIVUM. GERMINATION DISHES SODIUM. CHLORIDE. CALCIUM. PHOSFON. GIBBERELIC ACID. GROWTH REGULATOR. VARIETY GERMINATION. SEEDLING GROWTH. VEGETATIVE GROWTH
2207. UPRETY, D. C.; SARIN, M. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN PISUM SATIVUM L. II. MECHANISM OF SALT ACTION DURING GERMINATION. ACTA AGRON. 24: 188-191. 1975. PEA LEGUMINOSAE: PISUM SATIVUM. GERMINATION DISHES. SOIL SALINE SOIL. PHOSFON GERMINATION. SEEDLING GROWTH
2208. UPRETY, D. C.; SARIN, M. N. PHYSIOLOGICAL STUDIES ON SALT TOLERANCE IN PISUM SATIVUM L. III. GROWTH AND MATURATION. ACTA AGRON. ACAD. SCI. HUNG. 24: 452-457. 1975. PEA LEGUMINOSAE: PISUM SATIVUM. POT. SOIL SALINE SOIL. SODIUM. CHLORIDE. CALCIUM. PHOSFON. GIBBERELIC ACID VEGETATIVE GROWTH. FLOWERING
2209. UPRETY, D. C.; SARIN, M. N. STUDIES ON SALT TOLERANCE IN PEA (PISUM SATIVUM L.). I. GERMINATION AND SEEDLING GROWTH. INDIAN J. AGRON. 18: 302-306. 1973. PEA LEGUMINOSAE: PISUM SATIVUM. SOIL. GERMINATION DISHES. GROWTH CHAMBER CHLORIDE. CALCIUM. VARIETY. SALINE SOIL. GIBBERELIC ACID. PHOSFON. SODIUM GERMINATION. SEEDLING GROWTH
2210. USMAN, S. M.; GUNDUZ, N.; HOUGH, H. W. SAINFOIN GERMINATION AND EARLY SEEDLING RESPONSE TO SALINITY INDUCED OSMOTIC TENSION. MONT. AGRIC. EXPT. STA. BULL. 627: 16-21. 1969. SAINFOIN; ALFALFA LEGUMINOSAE: ONOBRYCHIS VICIIFOLIA. MEDICAGO SATIVA. GROWTH CHAMBER. VERMICULITE. WATER CULTURE. POT VARIETY. CALCIUM. SODIUM. CHLORIDE. OSMOTIC PRESSURE GERMINATION. SEEDLING GROWTH
2211. VAKSMAN, E. G. TO THE PROBLEM OF SALT RESISTANCY OF DATE PALM. (RUS). AKAD. NAUK. TADZH. SSR DOKL. 13: 43-45. 1970. DATE PALM PALMACEAE: PHOENIX DACTYLIFERA. SOIL. FIELD SALINE SOIL MAGNESIUM. CHLORIDE. SULFATE. SODIUM FRUIT YIELD
2212. VARADINOV, S. G. SOIL SALINITY TOLERANCE IN SORGHUM. (RUS). SBOR. TR. ASPIR. MOLOD. NAUCH. SOTRUD 8: 117-124. 1967. SORGHUM GRAMINEAE: SORGHUM VULGARE. GERMINATION DISHES FIELD. SOIL VARIETY. SALINE SOIL. SEED PRETREATMENT. SODIUM. CHLORIDE. SULFATE GERMINATION. VEGETATIVE GROWTH. SALT TOLERANCE
2213. VARGHESE, T.; THAMPI, P. S. THE EFFECT OF SALT CONCENTRATION ON THE GERMINATION OF POKKALI VARIETIES OF RICE. AGRIC. RES. J. KERELA 4: 107-109. 1966. RICE GRAMINEAE: ORYZA SATIVA. SOIL. GERMINATION DISHES SEA WATER. VARIETY GERMINATION
2214. VELANKER, S. V.; SHRIVASTAVA, M. S.; SINGH, S. P. NOTE ON SALT TOLERANCE OF SOME WHEAT STRAINS DURING GERMINATION. JNKVV (JAWAHARLAL NEHRU KRISHI VISHVA VIDYALAYA) RES. J. 7: 170-171. 1973. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SODIUM. CALCIUM. CHLORIDE. VARIETY GERMINATION
2215. VENKATESWARLU, J.; RAMESAN, M.; MURALI MOHAN RAO, C. V. SALT TOLERANCE IN RICE VARIETIES. J. INDIAN SOC. SOIL SCI. 20: 169-173. 1972. RICE GRAMINEAE: ORYZA SATIVA. WATER CULTURE VARIETY. SODIUM. CALCIUM. CHLORIDE TILLERING. GRAIN YIELD
2216. VERGHESE, K. G.; HANES, R. E.; ZELAZNY, L. W.; BLASER, R. E. SODIUM CHLORIDE UPTAKE IN GRASSES AS INFLUENCED BY FERTILITY INTERACTION. HIGHWAY RES. BOARD. NAT. RES. COUNCIL. NAT. ACAD. SCI. HIGHWAY RES. RECORD 335: 13-15. 1970. BROMEGRASS: FESCUE. RED: BLUEGRASS. KENTUCKY: FESCUE. TALL GRAMINEAE: BRONUS INERMIS. FESTUCA PUBRA. POA PRATENSIS. FESTUCA ARUNDINACEA. FIELD. GREENHOUSE SODIUM. CHLORIDE. DEICING SALT. FERTILITY CHLORIDE UPTAKE. SODIUM UPTAKE. MINERAL COMPOSITION

2217. VERMA, C. M.; BOHRA, S. P.; SANKHLA, N. LETTUCE SEED GERMINATION: REVERSAL OF SALINITY INDUCED INHIBITION BY ETHYLENE. CURR. SCI. 42: 294-295. 1973. LETTUCE COMPOSITAE: LACTUCA SATIVA. ETHYLENE. SALINE SOIL GERMINATION
2218. VERMA, K. S.; BHANDARI, G. S.; SINGH, B. R. RESPONSE OF MAIZE VARIETY GAUGA 101 TO NITROGEN UNDER BRACKISH WATER IRRIGATION. J. RES. HARYANA AGRIC. UNIV. 1: 29-32. 1973. CORN GRAMINEAE: ZEA MAYS. SOIL. FIELD BRACKISH WATER. NITROGEN. FERTILIZER GRAIN YIELD. VEGETATIVE GROWTH
2219. VERMA, U. K.; BAINS, S. S. A NOTE ON SALINE IRRIGATION OF WHEAT AT VARIOUS GROWTH STAGES. INDIAN J. AGRON. 19: 80. 1974. WHEAT GRAMINEAE: TRITICUM AESTIVUM. SOIL. FIELD PLOT BRACKISH WATER. GROWTH STAGE VEGETATIVE GROWTH
2220. VERNER, A. R.; GOLIakov, N. M. THE TOXICITY OF SALTS ON THE MARSHY SOILS OF BARABA WHICH ARE BEING RECLAIMED. (RUS). POCHVOVEDENIE NO. 8: 101-104. 1956. OATS: WHEAT: ANNUAL GRASS GRAMINEAE: AVENA SATIVA. TRITICUM AESTIVUM. FIELD. SOIL BICARBONATE. CHLORIDE. SULFATE. CALCIUM. MAGNESIUM LEAF INJURY. TOXICITY
2221. VIRO, P. J. ON THE TOXICITY OF THE CHLORIDE ION. (FIN: ENG SUM). COMMUN. INST. FOR FENN. 48: 1-16. 1956. PINE. SCOTS PINACEAE: PINUS SYLVESTRIS. FIELD. SOIL CHLORIDE. CALCIUM CHLORIDE UPTAKE. (CHLORIDE TOXICITY)
2222. VISWANATH, D. P.; KRISHNA SASTRY, K. S.; VENKATA RAO, B. V. EFFECT OF SEED TREATMENT ON GERMINATION AND GROWTH OF ELEUSINE CORACANA GAERTN. IN SOILS WITH HIGH EXCHANGEABLE SODIUM. MYSORE J. AGRIC. SCI. 6: 24-28. 1972. MILLET. AFRICAN GRAMINEAE: ELEUSINE CORACANA. SOIL SODIUM. CHLORIDE. EXCHANGEABLE SODIUM PERCENTAGE. CALCIUM. ASCORBIC ACID. BENZYLADENINE. SEED PRETREATMENT GERMINATION. ROOT GROWTH. VEGETATIVE GROWTH
2223. VLADIMIROV, A. V. EFFECT OF POTASSIUM AND MAGNESIUM SULFATES AND CHLORIDES UPON THE FORMATION OF OXIDIZED AND REDUCED ORGANIC COMPOUNDS IN PLANTS. SOIL SCI. 60: 377-385. 1945. TOBACCO SOLANACEAE: NICOTIANA RUSTICA. SAND POTASSIUM. MAGNESIUM. SULFATE. CHLORIDE. AMMONIUM. NITRATE. SODIUM CROP QUALITY. MINERAL COMPOSITION. CITRIC ACID. MALIC ACID
2224. VLADYCHENSKI, S. A. SALT REGIME IN RICE FIELDS OF THE DELTA OF THE VOLGA. (RUS). POCHVOVEDENIE NO. 4: 46-52. 1957. RICE GRAMINEAE: ORYZA SATIVA. FIELD PLOT WATER TABLE. CHLORIDE. SULFATE. SALINE SOIL
2225. VLASYUK, P. A.; BARANNIK, V. P.; GALINSKAYA, M. S.; LYUBCHENKO, M. N. EFFECT OF A SEA WATER PREPARATION ON GERMINATION RATE, SEED VIGOR AND FORMATION OF THE MASS OF PLANT SEEDLINGS. (RUS). DOKL. VSES AKAD. S-KH. NAUK. IM V I LENINA 9: 11-12. 1974. WHEAT: CORN: BARLEY: BEET. SUGAR: PEA: BUCKWHEAT: MILLET: SUNFLOWER: LUPINE: TOMATO: CABBAGE: CUCUMBER GRAMINEAE: TRITICUM AESTIVUM. ZEA MAYS. HORDEUM VULGARE. SETARIA: SOLANACEAE: LYCOPERSICON ESCULENTUM: CUCURBITACEAE: CUCUMIS SATIVUS: CRUCIFERAE: BRASSICA OLERACEA VAR CAPITATA: POLYGONACEAE: FAGOPYRUM ESCULENTUM: LEGUMINOSAE: LUPINUS. PISUM SATIVUM: COMPOSITAE: HELIANTHUS ANNUUS: CHENOPODIACEAE: BETA VULGARIS. SEA WATER. BORON. SEED PRETREATMENT GERMINATION. SEEDLING GROWTH
2226. VOELCKER, A. A. THE INFLUENCE OF BORON COMPOUNDS ON WHEAT AND BARLEY. J. ROY. AGRIC. SOC. (ENGLAND) 76: 347-351. 1915. WHEAT: BARLEY GRAMINEAE: TRITICUM AESTIVUM. HORDEUM VULGARE. POT. SOIL BORON GERMINATION. STRAW YIELD. GRAIN YIELD
2227. VOLOBUEV, V. R. CERTAIN DATA ON THE COMPOSITION OF THE VEGETATION IN CONNECTION WITH SOIL SALINITY OF MUGAN STEPPE (RUS). AKAD. NAUK. AZERBAIDZHANSK. SSR. INST. POCHVOVED. I AGROKHIM. TRUDY 7: 225-232. 1955. NATIVE VEGETATION CHENOPODIACEAE: ATRIPLEX TATARICA. ECHINOPSIS HYSSOPIFOLIUM. SALSOLA SODA. SALSOLA CRASSA. SUAEDA MICROPHYLLA. PETROSIMONIA BRACHIATA. HALOSTACHYS CASPICA: GRAMINEAE: PHRAGMITES COMMUNIS. AELUROPUS REIFENS: LEGUMINOSAE: ALHAGI PSEUDOALHAGI. GLYCYRRHIZA GLABRA: TAMARICACEAE: TAMARIX RAMOSISSIMA. FIELD. SOIL CHLORIDE. SALINE SOIL ECOLOGY. SALT TOLERANCE
2228. VON DER MEDEN, E. A. NOTE ON SALINITY LIMITS FOR SUGARCANE IN NATAL. PROC. SO. AFR. SUGAR TECHNOL. ASSN.: 273-275. 1966. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. FIELD SALINE SOIL VEGETATIVE GROWTH
2229. VON WILLERT, D. J. DER EINFLUSS HOHER NACL-KONZENTRATIONEN AUF DIE ATMUNG INTAKTER KEIMPFLANZEN EINIGER HALOPHYTEN UND

GLYKOPHYTEN. EFFECT OF HIGH SODIUM CHLORIDE CONCENTRATIONS ON THE RESPIRATION IN INTACT SEEDLINGS OF SOME HALOPHYTES AND GLYCOPHYTES. (GER; ENG SUM). FLORA (JENA) 159: 512-523. 1970. ASTER; GLASSWORT; PLANTAIN COMPOSITAE: ASTER TRIPOLIUM. ASTER AMELLUS. ASTER LINOSYRIS: PLANTAGINACEAE: PLANTAGO MARITIMA, PLANTAGO INDICA, PLANTAGO LANCEOLATA, PLANTAGO MAJOR; CHENOPODIACEAE: SALICORNIA EUROPAEA. SODIUM, CHLORIDE RESPIRATION

2230. VORA, A. B.; PATEL, M. K. PROMOTIVE EFFECT OF NaCl AND CaCl₂ MIXTURES AND CaCl₂ AND MgCl₂ MIXTURES ON EXTENSION GROWTH OF GUAR SEEDLINGS. CURR. SCI. 44: 783-784. 1975. GUAR LEGUMINOSAE: CYAMOPSIS PSORALOIDES. GERMINATION DISHES SODIUM, CALCIUM, MAGNESIUM, CHLORIDE ROOT GROWTH, SEEDLING GROWTH
2231. VYAS, K. K.; SINGH, P. EFFECT OF LEVELS OF PHOSPHORUS AND SODIUM SALTS ON GERMINATION OF WHEAT S-227. ANN. ARID ZONE 10: 180-185. 1971. WHEAT GRAMINEAE: TRITICUM AESTIVUM. PHOSPHORUS, SODIUM, BICARBONATE, CHLORIDE, SULFATE GERMINATION
2232. WADLEIGH, C. H.; AYERS, A. D. GROWTH AND BIOCHEMICAL COMPOSITION OF BEAN PLANTS AS CONDITIONED BY SOIL MOISTURE TENSION AND SALT CONCENTRATION. PLANT PHYSIOL. 20: 106-132. 1945. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. SOIL, POT SODIUM, CHLORIDE, SOIL MOISTURE VEGETATIVE GROWTH, ORGANIC NITROGEN, STARCH, SUGAR, SUCROSE
2233. WADLEIGH, C. H.; AYERS, A. D.; BOWER, C. A. EFFECT OF SALINE AND ALKALI SOIL ON GROWTH OF SUGAR BEETS. PROC. AMER. SOC. SUGAR BEET TECHNOL.: 50-53. 1952. BEET, SUGAR CHENOPODIACEAE: BETA VULGARIS. FIELD PLOT, SOIL ALKALI SOIL, SODIUM, CHLORIDE, BICARBONATE, EXCHANGEABLE SODIUM PERCENTAGE MINERAL COMPOSITION, SUCROSE
2234. WADLEIGH, C. H.; BOWER, C. A. THE INFLUENCE OF CALCIUM ION ACTIVITY IN WATER CULTURES ON THE INTAKE OF CATIONS BY BEAN PLANTS. PLANT PHYSIOL. 25: 1-12. 1950. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE, POT SODIUM, CALCIUM, CHLORIDE ROOT GROWTH, VEGETATIVE GROWTH, MINERAL COMPOSITION
2235. WADLEIGH, C. H.; BROWN, J. W. THE CHEMICAL STATUS OF BEAN PLANTS AFFLICTED WITH BICARBONATE-INDUCED CHLOROSIS. BOT. GAZ. 113: 373-392. 1952. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT, SAND SODIUM, BICARBONATE VEGETATIVE GROWTH, CHLOROPHYLL, MINERAL COMPOSITION, CITRIC ACID, MALIC ACID, ORGANIC ACID
2236. WADLEIGH, C. H.; BROWN, J. W. INFLUENCE OF SODIUM BICARBONATE ON MINERAL COMPOSITION OF RED GARDEN BEETS. PROC. AMER. SOC. SUGAR BEET TECHNOL.: 54-57. 1952. BEET CHENOPODIACEAE: BETA VULGARIS. SAND, POT SODIUM, BICARBONATE ROOT GROWTH, VEGETATIVE GROWTH, MINERAL COMPOSITION, OXALIC ACID, CITRIC ACID, MALIC ACID, ORGANIC ACID
2237. WADLEIGH, C. H.; FIREMAN, M. SALT DISTRIBUTION UNDER FURROW AND BASIN IRRIGATED COTTON AND ITS EFFECT ON WATER REMOVAL. SOIL SCI. SOC. AMER. PROC. 13: 527-530. 1948. COTTON MALVACEAE: GOSSYPIUM. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE, SOIL MOISTURE VEGETATIVE GROWTH
2238. WADLEIGH, C. H.; GAUCH, H. G. ASSIMILATION IN BEAN PLANTS OF NITROGEN FROM SALINE SOLUTIONS. PROC. AMER. SOC. HORT. SCI. 41: 360-364. 1942. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE, POT SODIUM, CALCIUM, CHLORIDE VEGETATIVE GROWTH, PROTEIN, SUGAR, STARCH, DEXTRIN, CARBOHYDRATE, ORGANIC NITROGEN, ROOT GROWTH
2239. WADLEIGH, C. H.; GAUCH, H. G. THE INFLUENCE OF HIGH CONCENTRATIONS OF SODIUM SULFATE, SODIUM CHLORIDE, CALCIUM CHLORIDE, AND MAGNESIUM CHLORIDE ON THE GROWTH OF GUAYULE IN SAND CULTURE. SOIL SCI. 58: 399-403. 1944. GUAYULE COMPOSITAE: PARTHENIUM ARGENTATUM. SAND, POT SODIUM, CALCIUM, MAGNESIUM, SULFATE, CHLORIDE VEGETATIVE GROWTH, SALT TOLERANCE
2240. WADLEIGH, C. H.; GAUCH, H. G. RATE OF LEAF ELONGATION AS AFFECTED BY THE INTENSITY OF THE TOTAL SOIL MOISTURE STRESS. PLANT PHYSIOL. 23: 485-495. 1948. COTTON MALVACEAE: GOSSYPIUM HIRSUTUM. SOIL, POT SODIUM, CHLORIDE, SOIL MOISTURE VEGETATIVE GROWTH
2241. WADLEIGH, C. H.; GAUCH, H. G.; DAVIES, V. THE TEND OF STARCH RESERVES IN BEAN PLANTS BEFORE AND AFTER IRRIGATION OF A SALINE SOIL. PROC. AMER. SOC. HORT. SCI. 43: 201-209. 1943. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. SOIL, POT



SODIUM. CHLORIDE. SOIL MOISTURE STARCH. VEGETATIVE GROWTH

2242. WADLEIGH, C. H.; GAUCH, H. G.; KOLISCH, M. MINERAL COMPOSITION OF ORCHARD GRASS GROWN ON PACHAPPA LOAM SALINIZED WITH VARIOUS SALTS. SOIL SCI. 72: 275-282. 1951. ORCHARD GRASS GRAMINEAE: DACTYLIS GLOMERATA. GREENHOUSE. POT. SOIL SODIUM. CHLORIDE. CALCIUM. MAGNESIUM. POTASSIUM. SULFATE. BICARBONATE. CARBONATE. NITRATE CALCIUM UPTAKE. CHLORIDE UPTAKE. SODIUM UPTAKE. POTASSIUM UPTAKE. MINERAL COMPOSITION. MAGNESIUM UPTAKE
2243. WADLEIGH, C. H.; GAUCH, H. G.; MAGISTAD, O. C. GROWTH AND RUBBER ACCUMULATION IN GUAYULE AC CONDITIONED BY SOIL SALINITY AND IRRIGATION REGIME. USDA TECH. BULL. 925: 34 PP. 1946. GUAYULE COMPOSITAE: PARTHENIUM ARGENTATUM. SOIL. POT SODIUM. CHLORIDE. SULFATE LEAF INJURY. RUBBER YIELD. RESIN. VEGETATIVE GROWTH
2244. WADLEIGH, C. H.; GAUCH, H. G.; STRONG, D. G. ROOT PENETRATION AND MOISTURE EXTRACTION IN SALINE SOIL BY CROP PLANTS. SOIL SCI. 63: 341-349. 1947. BEAN: ALFALFA: CORN: COTTON LEGUMINOSAE: PHASEOLUS VULGARIS. MEDICAGO SATIVA: GRAMINEAE: ZEA MAYS: MALVACEAE: GOSSYPIUM. POT. SOIL SODIUM. CHLORIDE VEGETATIVE GROWTH. ROOT GROWTH
2245. WADLEIGH, C. H.; HAYWARD, H. E.; AYERS, A. D. FIRST YEAR GROWTH OF STONE FRUITS ON SALINE SUBSTRATES. PROC. AMER. SOC. HORT. SCI. 57: 31-36. 1951. PEACH: APRICOT: PLUM: PFUNE: ALMOND ROSACEAE: PRUNUS PERSICA. PRUNUS ARMENIACA. PRUNUS DOMESTICA. PRUNUS AMYGDALUS. SAND TANK SODIUM. CALCIUM. CHLORIDE. SULFATE ROOT GROWTH. VEGETATIVE GROWTH. LEAF INJURY
2246. WAHHAB, A. SALT TOLERANCE OF VARIOUS VARIETIES OF AGRICULTURAL CROPS AT THE GERMINATION STAGE. IN SALINITY PROBLEMS IN THE ARID ZONE. PROC. TEHERAN SYMP. ARID ZONE RES. 14: 185-192. 1961. WHEAT: CORN: BARLEY: GRAM. BLACK: RICE: COTTON GRAMINEAE: TRITICUM AESTIVUM. ZEA MAYS. HORDEUM VULGARE. OPYZA SATIVA: LEGUMINOSAE: PHASEOLUS MUNGO: MALVACEAE: GOSSYPIUM HIRSUTUM. SOIL. POT SODIUM. CHLORIDE. VARIETY GERMINATION. SALT TOLERANCE
2247. WAHHAB, A.; MUHAMMAD, F.; AHMAD, M. SOIL SALINITY CONDITIONS AND GROWTH OF CROPS. PROC. PAKISTAN SCI. CONF. 9: 2-4. 1957. WHEAT: COTTON: CORN: CLOVER. BERSEEM: BEAN. MOTH: SUNN HEMP: GUAR GRAMINEAE: TRITICUM AESTIVUM. ZEA MAYS: MALVACEAE: GOSSYPIUM: LEGUMINOSAE: TRIFOLIUM ALEXANDRINUM. CROTALARIA JUNCIA. CYAMOPSIS PSORALOIDES. VIGNA ACONTIFOLIA. SOIL SALINE SOIL. VARIETY GERMINATION. SALT TOLERANCE
2248. WASEL, Y. GERMINATION BEHAVIOR OF SOME HALOPHYTES. BULL. RES. COUN. ISRAEL 6D: 187-189. 1958. TAMARISK: GLASSWORT: SEA BLITE: RUSH TAMARICACEAE: TAMARIX AMPLEXICAULIS. TAMARIX DESERTI. TAMARIX GALLICA. TAMARIX ARAVENSIS. TAMARIX MEYERI. TAMARIX JORDANIS. TAMARIX APHYLLA: CHENOPODIACEAE: SALICORNIA HERBACEA. SUAEDA MONOICA. HALOCNEMUM STROBILACEUM. ARTHROCNEMUM GLAUCUM: JUNCACEAE: JUNCUS MARITIMUS: GRAMINEAE: AELUROPUS REPENS: AIZOACEAE: MESEMBRYANTHEMUM NODIFLORUM: ZYGOPHYLLACEAE: NITRARIA RETUSA. WATER CULTURE SODIUM. CHLORIDE. CALCIUM GERMINATION
2249. WASEL, Y. SALT RESISTANCE. IN BIOLOGY OF HALOPHYTES. ACADEMIC PRESS. NEW YORK, N. Y.: 206-245. 1972. NATIVE VEGETATION SALT TOLERANCE
2250. WASEL, Y.; BERNSTEIN, R. THE EFFECT OF IRRIGATION WITH SALINE WATER ON THE YIELD AND SUGAR CONTENT OF FORAGE AND SUGAR BEETS. BULL. RES. COUN. ISRAEL 7D: 90-92. 1959. BEET. SUGAR CHENOPODIACEAE: BETA VULGARIS. SOIL. FIELD PLOT. POT. SAND SODIUM. CHLORIDE. POTASSIUM SUGAR
2251. WALL, R. F.; CROSS, F. B. GREENHOUSE STUDIES OF TOXICITIES OF OKLAHOMA SALT CONTAMINATED WATERS OKLA. AGRIC. EXPT. STA. TECH. BULL. T-20: 38 PP. 1943. TOMATO: GERANIUM: CALENDULA: CHRYSANTHEMUM: CARNATION: POINSETTIA: PRIMULA: PRIMROSE: MARIGOLD. POT EUPHORBIACEAE: EUPHORBIA PULCHERRIMA: SOLANACEAE: LYCOPERSICON ESCULENTUM: CARYOPHYLLACEAE: DIANTHUS CARYOPHYLLUS: PRIMULACEAE: PRIMULA: GERANIACEAE: GERANIUM: COMPOSITAE: CALENDULA OFFICINALIS. CHRYSANTHEMUM. SAND. POT. SOIL. GREENHOUSE SODIUM. BICARBONATE. CHLORIDE. SULFATE. MAGNESIUM. CALCIUM VEGETATIVE GROWTH. MINERAL COMPOSITION. LEAF INJURY. TOXICITY
2252. WALL, R. F.; HARTMAN, E. L. SAND CULTURE STUDIES OF THE EFFECTS OF VARIOUS CONCENTRATIONS OF ADDED SALTS UPON THE COMPOSITION OF TOMATO PLANTS. PROC. AMER. SOC. HORT. SCI. 40: 460-466. 1942. TOMATO SOLANACEAE: LYCOPERSICON

ESCULENTUM. SAND. POT SODIUM. CHLORIDE TOXICITY. TRANSPIRATION. RESPIRATION. MINERAL COMPOSITION

2253. WALLACE, A. EFFECT OF TEMPERATURE AND PH ON SODIUM TRANSLOCATION AND SODIUM EXCHANGE REACTIONS IN BUSH BEANS. SOIL SCI. 106: 144-148. 1968. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE. GREENHOUSE. TEST TUBE TEMPERATURE. SODIUM. CHLORIDE. SULFATE SODIUM UPTAKE. SODIUM EXCHANGE
2254. WALLACE, A.; MUELLER, R. T.; ROMNEY, E. M. SODIUM RELATIONS IN DESERT PLANTS: 2. DISTRIBUTION OF CATIONS IN PLANT PARTS OF THREE DIFFERENT SPECIES OF ATRIPLEX. SOIL SCI. 115: 390-394. 1973. SALTBUSH CHENOPODIACEAE: ATRIPLEX HYMENELYTRA. ATRIPLEX CONFERTIFOLIA. ATRIPLEX CANESCENS. SOIL. POT. WATER CULTURE SODIUM. CHLORIDE. SULFATE SODIUM UPTAKE. MINERAL COMPOSITION
2255. WALLACE, A.; ROMNEY, E. M.; CHA, J. W.; ALEXANDER, G. V. SODIUM RELATIONS IN DESERT PLANTS 3. CATION-ANION RELATIONSHIPS IN THREE SPECIES WHICH ACCUMULATE HIGH LEVELS OF CATIONS IN LEAVES. SOIL SCI. 118: 397-401. 1974. SALTBUSH CHENOPODIACEAE: ATRIPLEX CONFERTIFOLIA. ATRIPLEX HYMENELYTRA; SOLANACEAE: LYCIUM ANDERSONII. SOIL. GREENHOUSE. POT SODIUM. NITRATE. CHLORIDE. AMMONIUM SODIUM UPTAKE. MINERAL COMPOSITION
2256. WALLACE, A.; ROMNEY, E. M.; HALE, V. Q. SODIUM RELATIONS IN DESERT PLANTS: 1. CATION CONTENTS OF SOME PLANT SPECIES FROM THE MOJAVE AND GREAT BASIN DESERTS. SOIL SCI. 115: 284-287. 1973 NATIVE VEGETATION FIELD. SAND. SOIL SODIUM. SALINE SOIL MINERAL COMPOSITION. SODIUM UPTAKE
2257. WALLACE, A.; SHANNON, L. M.; NORTH, C. P.; MUELLER, R. T. GLASSHOUSE STUDIES ON THE SALT TOLERANCE AND GROWTH OF PERSEA FLOCCOSA AS A ROOTSTOCK. CALIF. AVOCADO SOC. YEARBOOK 39: 179-183. 1955. AVOCADO LAURACEAE: PERSEA AMERICANA. PERSEA FLOCCOSA. GREENHOUSE. POT. SOIL SODIUM. CHLORIDE VEGETATIVE GROWTH. CHLORIDE UPTAKE. LEAF INJURY
2258. WALLACE, A.; IOTH, S. J.; BEAR, F. E. INFLUENCE OF SODIUM ON GROWTH AND COMPOSITION OF RANGER ALFALFA. SOIL SCI. 65: 477-486. 1948. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. SAND. SOIL. FIELD SODIUM. POTASSIUM VEGETATIVE GROWTH. MINERAL COMPOSITION
2259. WALLACE, R. H.; MOSS, A. E. SALT SPRAY DAMAGE FROM RECENT NEW ENGLAND HURRICANE. PROC. NATL. SHADE TREE CONF. 15: 112-119. 1939. PINE. WHITE; CEDAR. RED; ARBORVITAE; CEDAR. WHITE. HEMLOCK; FINE. AUSTRIAN; SPRUCE. COLORADO BLUE; PINE. SCOTS; PINE. RED; PINE. PITCH CUPRESSACEAE: JUNIPERUS VIRGINIANA. CHAMAECYPARIS THYOIDES. THUJA; PINACEAE: PICEA PUNGENS. TSUGA. PINUS SYLVESTRIS. PINUS RIGIDA. PINUS STROBUS; CASUARINACEAE: CASUARINA. FIELD. SOIL SALT SPRAY LEAF INJURY
2260. WALTER, H. THE ADAPTATION OF PLANTS TO SALINE SOILS. IN SALINITY PROBLEMS IN THE ARID ZONES: PROC. TEHERAN SYMP. ARID ZONE RES. 14: 129-134. 1961. NATIVE VEGETATION
2261. WALTON, G. S. PHYTOTOXICITY OF NaCl AND CaCl₂ TO NORWAY MAPLES. PHYTOPATH. 59: 1412-1415. 1969. MAPLE. NORWAY ACERACEAE: ACER PLATANOIDES. SOIL CALCIUM. CHLORIDE. SODIUM TOXICITY. LEAF INJURY. VEGETATIVE GROWTH
2262. WAMBIJI, H.; EL-SWAIFY, S. A. EFFECTS OF SOIL SALINITY STATUS ON PINEAPPLE I. GROWTH PARAMETERS. TROP. AGRIC. HAWAII AGRIC. EXPT. STA. 22: 14 PP. 1974. PINEAPPLE BROMELIACEAE: ANANAS COMOSUS. SOIL. GREENHOUSE SALINE SOIL. SODIUM. CHLORIDE VEGETATIVE GROWTH. SALT TOLERANCE. WATER POTENTIAL
2263. WANG, S. C.; HSU, K. H. APPLICATION OF ELECTRICAL CONDUCTIVITY MEASUREMENT TO THE INVESTIGATION OF TAIWAN SALINE SUGARCANE SOILS. REPT. TAIWAN SUGAR EXPT. STA. NO. 4: 147-168. 1949. SUGARCANE GRAMINEAE: SACCHARUM OFFICINARUM. SOIL. FIELD SALINE SOIL VEGETATIVE GROWTH
2264. WARINGTON, K. THE EFFECT OF BORIC ACID AND BORAX ON THE BROAD BEAN AND CERTAIN OTHER PLANTS. ANN. BOT. (LONDON) 37: 629-672. 1923. BEAN; BARLEY; RYE; VETCH; PEA; BEAN. BROAD. CLOVER. WHITE; CLOVER LEGUMINOSAE: PHASEOLUS VULGARIS. VICIA FABA. PHASEOLUS MULTIFLORUS. TRIFOLIUM INCARNATUM. TRIFOLIUM REPENS. PISUM SATIVUM. VICIA SATIVA; GRAMINEAE: SECALE CEREALE. HORDEUM VULGARE. WATER CULTURE. POT. SOIL. FIELD BORIC ACID. BORON. GROWTH STAGE

VEGETATIVE GROWTH

2265. WAYSE, S. B.; BAINS, S. S. EFFECT OF CULTURAL METHODS ON BERSEEM (*TRIFOLIUM ALEXANDRINUM* L.) UNDER SALINE AND HIGH GROUND WATER TABLE CONDITIONS. INDIAN J. AGRON. 16: 382-385. 1971. CLOVER, BERSEEM. LEGUMINOSAE: *TRIFOLIUM ALEXANDRINUM*. SOIL. FIELD PLOT. WATER TABLE. SALINE SOIL. VEGETATIVE GROWTH. CROP QUALITY
2266. WEBB, K. L. NaCl EFFECTS ON GROWTH AND TRANSPIRATION IN *SALICORNIA BIGELOVII* A SALT MARSH HALOPHYTE. PLANT SOIL 24: 261-268. 1966. GLASSWORT. CHENOPODIACEAE: *SALICORNIA BIGELOVII*. *SALICORNIA EUROPAEA*. POT. WATER CULTURE. GROWTH CHAMBER. SODIUM. CHLORIDE. TRANSPIRATION. VEGETATIVE GROWTH
2267. WEBBER, I. E. HISTOLOGICAL CHARACTERISTICS OF PLANTS GROWN IN TOXIC CONCENTRATIONS OF BORON. J. AGRIC. RES. 50: 189-194. 1935. LEMON; GRAPE; PEACH; APRICOT; PRUNE. RUTACEAE: CITRUS LIMON; ROSACEAE: PRUNUS PERSICA, PRUNUS DOMESTICA, PRUNUS ARMENIACA; VITACEAE: VITIS. SAND. WATER CULTURE. BORON. LEAF INJURY. TOXICITY
2268. WEDIN, W. F.; STRUCKMEYER, B. E. EFFECTS OF CHLORIDE AND SULFATE IONS ON THE GROWTH, LEAF TURN, COMPOSITION AND ANATOMICAL STRUCTURE OF TOBACCO (*NICOTIANA TABACUM* L.). PLANT PHYSIOL. 33: 133-139. 1958. TOBACCO. SOLANACEAE: *NICOTIANA TABACUM*. SAND. POT. GREENHOUSE. SODIUM. CHLORIDE. SULFATE. VEGETATIVE GROWTH. CHLORIDE UPTAKE. SULFATE UPTAKE. ANATOMICAL RESPONSE
2269. WEIMBERG, R. EFFECT OF GROWTH IN HIGHLY SALINIZED MEDIA ON THE ENZYMES OF THE PHOTOSYNTHETIC APPARATUS IN PEA SEEDLINGS. PLANT PHYSIOL. 56: 8-12. 1975. PEA. LEGUMINOSAE: *PISUM SATIVUM*. WATER CULTURE. POT. SODIUM. CHLORIDE. SULFATE. CHLOROPHYLL. ENZYME ACTIVITY. PROTEIN. VEGETATIVE GROWTH
2270. WEIMBERG, R. THE EFFECT OF SALINITY ON ENZYMES AND THE REACTIONS THEY CATALYZE. PROC. WORKSHOP ON SALT EFFECTS ON PLANT STRUCTURES AND PROCESSES. RIVERSIDE, CALIF. APRIL 1976: 48-49. 1976. ENZYME
2271. WEIMBERG, R. ENZYME LEVELS IN PEA SEEDLINGS GROWN ON HIGHLY SALINIZED MEDIA. PLANT PHYSIOL. 46: 466-470. 1970. PEA. LEGUMINOSAE: *PISUM SATIVUM*. WATER CULTURE. POT. SODIUM. POTASSIUM. CHLORIDE. SULFATE. ENZYME ACTIVITY. MALATE DEHYDROGENASE. PEROXIDASE. VEGETATIVE GROWTH. PROTEIN. ISOZYME
2272. WEISSENBOECK, G. EINFLUSS DES BODENSALZGEHALTES AUF MORPHOLOGIE UND IONEN-SPEICHERUNG VON HALOPHYTEN. THE EFFECT OF THE SALT CONTENT OF THE SOIL UPON THE MORPHOLOGY AND ION ACCUMULATION OF HALOPHYTES. (GER). FLORA ABT. B. MORPHOL. GEBOT. 15B: 369-389. 1969. SAGEBRUSH; ASTER; ARROW GRASS; PLANTAIN. COMPOSITAE: *ASTER TRIPOLIUM*, *ARTEMISIA MARITIMA*; RUPPIACEAE: *TRIGLOCHIN MARITIMA*; CRUCIFERAE: *LEPIDIUM CRASSIFOLIUM*; PLANTAGINACEAE: *PLANTAGO MARITIMA*. SOIL. SALINE SOIL. MORPHOLOGY. MINERAL COMPOSITION
2273. WELLS, B. W. A NEW FOREST CLIMAX: THE SALT SPRAY CLIMAX OF SMITH ISLAND, N. C. TORREY BOT. CLUB BULL. 66: 629-634. 1939. OAK, LIVE; CEDAR, RED; MYRTLE, WAX; YAUPON; SEA OATS. FAGACEAE: *QUERCUS VIRGINIANA*, *ILEX VOMITORIA*, *ILEX OPACA*; ROSACEAE: *PRUNUS LAUROCERASUS*; CUPRESSACEAE: *JUNIPERUS VIRGINIANA*; MYRICACEAE: *MYRICA CERIFERA*; GRAMINEAE: *UNIOLA PANICULATA*; OLEACEAE: *OSMANTHUS AMERICANUS*; EPICACEAE: *BATODENDRON ARBOREUM*; VERBACEAE: *CALLICARPA AMERICANA*; LAURACEAE: *PERSEA BORBONIA*. FIELD. SOIL. SAND. SALT SPRAY. ECOLOGY. VEGETATIVE GROWTH
2274. WELLS, B. W.; SHUNK, I. V. SALT SPRAY: AN IMPORTANCE FACTOR IN COASTAL ECOLOGY. TORREY BOT. CLUB BULL. 65: 485-492. 1938. SEA ELDER; SHRUB; SEA OATS; MYRTLE, WAX; WATER BUSH; YAUPON; OAK, LIVE; PINE, LOBLOLLY; OAK, TURKEY; WIRE GRASS. MYRICACEAE: *MYRICA CERIFERA*; COMPOSITAE: *IVA IMBRICATA*, *BACCHARIS HALIMIFOLIA*; GRAMINEAE: *UNIOLA PANICULATA*, *ARISTIDA STRICTA*; FAGACEAE: *ILEX VOMITORIA*, *QUERCUS VIRGINIANA*, *QUERCUS CATESBAEI*; PINACEAE: *PINUS TAEDA*. FIELD. SOIL. SAND. SALT SPRAY. VEGETATIVE GROWTH. ECOLOGY
2275. WENTZEL, K. F. SALZ-SPRITZWASSERSCHADEN VON DEN AUTOBAHNEN IN DIE TIEFE DER WALDBESTANDE. DAMAGE CAUSED BY SALT CONTAINING WATER SPRAYED FROM HIGHWAYS ONTO LOW LYING FORESTED AREAS. (GER). EUR. J. PATH. 4: 45-46. 1974. SPRUCE. PINACEAE: *PICEA*. FIELD. SOIL. SALT SPRAY. CHLORIDE. LEAF INJURY
2276. WERKHOVEN, C. H. E.; FIREMAN, M.; MILLER, M. D. GROWTH, CHEMICAL COMPOSITION, AND YIELD OF SAFFLOWER AS AFFECTED BY

- EXCHANGEABLE SODIUM. AGRON. J. 58: 539-543. 1966. SAFFLOWER COMPOSITAE: CARTHAMUS TINCTORIUS. GREENHOUSE. SOIL SODIUM ADSORPTION RATIO. EXCHANGEABLE SODIUM PERCENTAGE. SODIUM. BICARBONATE VEGETATIVE GROWTH. MINERAL COMPOSITION
2277. WESTER, H. V.; COHEN, E. E. SALT DAMAGE TO VEGETATION IN THE WASHINGTON, D. C. AREA DURING THE 1966-1967 WINTER. PLANT DIS. REPT. 52: 350-354. 1968. BLUEGRASS. KENTUCKY; PRIVET. CALIFORNIA. HEMLOCK. CANADIAN; ELM. AMERICAN; MAPLE. SUGAR; LINDEN. QUEBEC GRAMINEAE: POA PRATENSIS; ACERACEAE: ACER SACCHARUM; PINACEAE: TSUGA CANADENSIS; TILIACEAE: TILIA NEGLECTA; ULMACEAE: ULMUS AMERICANA; OLEACEAE: LIGUSTRUM OVALIFOLIUM. FIELD. SOIL DEICING SALT VEGETATIVE GROWTH. LEAF INJURY. ECOLOGY
2278. WESTGATE, P. J. AZALEA LEAF TIP BURN. FLORIDA GROWER 60: 26. 1952. AZALEA ERICACEAE: RHODODENDRON. SOIL. POT. GREENHOUSE CHLORIDE LEAF INJURY. VEGETATIVE GROWTH
2279. WESTING, A. H. PLANTS AND SALT IN THE ROADSIDE ENVIRONMENT. PHYTOPATH. 59: 1174-1181. 1969. PINE. WHITE; HEMLOCK; APPLE; AVOCADO; BEAN; MAPLE. SUGAR; WHEATGRASS. TALL; BERMUDA GRASS; OAK; ORANGE; GRAPEFRUIT; LEMON GRAMINEAE: CYNODON DACTYLON. AGROPYRON ELONGATUM; FAGACEAE: QUERCUS; RUTACEAE: CITRUS SINENSIS. CITRUS PARADISI. CITRUS LIMONIA; LAURACEAE: PERSEA AMERICANA; ROSACEAE: MALUS PUMILA; LEGUMINOSAE: PHASEOLUS VULGARIS; ACERACEAE: ACER SACCHARUM; PINACEAE: PINUS STROBUS. TSUGA CANADENSIS. DEICING SALT
2280. WESTING, A. H. SUGAR MAPLE DECLINE: AN EVALUATION. ECON. BOTANY 20: 198-212. 1966. MAPLE. SUGAR ACERACEAE: ACER SACCHARUM.
2281. WHEELER, H. J. CONDITIONS DETERMINING THE POISONOUS ACTION OF CHLORIDES. R. I. AGRIC. EXPT. STA. 15TH ANNU. REPT. (1901-1902): 287-304. 1902. POTATO; BARLEY; RYE; OATS SOLANACEAE: SOLANUM TUBEROSUM; GRAMINEAE: HORDEUM VULGARE. AVENA SATIVA. SECALE CEREALE. POT. SOIL CHLORIDE. CALCIUM. MAGNESIUM. AMMONIUM. CARBONATE
2282. WHEELER, J. SALINITY TOLERANCE OF TURFGRASS. TURF BULL. 5: 19-22. 1969. BENTGRASS. SEASIDE; BENTGRASS. CREEPING; BENTGRASS. HIGHLAND; BLUEGRASS. KENTUCKY; FESCUE. TALL; ZOYSIA; BERMUDA GRASS GRAMINEAE: ZOYSIA, POA PRATENSIS. FESTUCA ELATIOR. CYNODON DACTYLON. AGROSTIS PALUSTRIS. AGROSTIS.
2283. WHITE, J. W.; HOLLEY, W. D. SOME EFFECTS OF SOLUBLE SALTS AND SOIL MOISTURE ON CARNATION GROWTH AND QUALITY. COLO. FLOWER GROWERS ASSOC. BULL. 95: 1-3. 1957. CARNATION CARYOPHYLLACEAE: DIANTHUS CARYOPHYLLUS. SOIL. GREENHOUSE SODIUM. CHLORIDE. CALCIUM CROP QUALITY. VEGETATIVE GROWTH
2284. WIGDOR, S.; STINSON, R. F.; MCCALL, W. W. CHLORIDE TOXICITY OF FLOWERING STOCK AND SWEET PEAS. MICH. AGRIC. EXPT. STA. QUART. BULL. 40: 468-476. 1958. PEA. SWEET LEGUMINOSAE: LATHYRUS ODORATUS. GREENHOUSE. SOIL. POT CHLORIDE TOXICITY. LEAF INJURY
2285. WIGGANS, S. C.; GARDNER, F. P. EFFECTIVENESS OF VARIOUS SOLUTIONS FOR SIMULATING DROUGHT CONDITIONS AS MEASURED BY GERMINATION AND SEEDLING GROWTH. AGRON. J. 51: 315-318. 1959. SORGHUM GRAMINEAE: SORGHUM VULGARE. GERMINATION DISHES GLUCOSE. SUCROSE. MANNITOL. SODIUM. CHLORIDE. POLY-1-N-LPYRROLIDONE GERMINATION. SEEDLING GROWTH
2286. WIGNARAJAH, K.; JENNINGS, D. H.; HANDLEY, J. F. THE EFFECT OF SALINITY ON GROWTH OF PHASEOLUS VULGARIS L. I. ANATOMICAL CHANGES IN THE FIRST TRIFOLIATE LEAF. ANN. BOT. 39: 1029-1038. 1975. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE. POT SODIUM. CHLORIDE VEGETATIVE GROWTH. HISTOLOGY
2287. WIGNARAJAH, K.; JENNINGS, D. H.; HANDLEY, J. F. THE EFFECT OF SALINITY ON GROWTH OF PHASEOLUS VULGARIS L. II. EFFECT ON INTERNAL SOLUTE CONCENTRATION. ANN. BOT. 39: 1039-1055. 1975. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. WATER CULTURE SODIUM. CHLORIDE VEGETATIVE GROWTH. OSMOTIC POTENTIAL. MINERAL COMPOSITION
2288. WILCOX, L. V. BORON INJURY TO PLANTS. USDA INFO. BULL. 211: 7 PP. 1960. BORON BORON TOLERANCE. LEAF INJURY

2289. WILCOX, L. V. TOXIC EFFECTS OF BORON ON PLANTS. LOWER RIO GRANDE VALLEY CITRUS AND VEGETABLE INST. 3RD. ANNU. PROCC.: 7-12. 1948. BORON BORON TOLERANCE. LEAF INJURY
2290. WILCOX, L. V. WATER QUALITY FROM THE STANDPOINT OF IRRIGATION. J. AMER. WATER WORKS ASSN. 50: 650-654. 1958.
2291. WILHELM, S.; PYFROM, H. T. SOLUBLE SALT INJURY TO GARDENIA. CALIF. AGRIC. 3: 5. 12. 1949. GARDENIA RUBIACEAE: GARDENIA. POT. GREENHOUSE. SOIL SODIUM. CHLORIDE LEAF INJURY, VEGETATIVE GROWTH
2292. WILLIAMS, D. J.; MOSER, B. G. CRITICAL LEVELS OF AIRBORNE SEA SALT INDUCING FOLIAR INJURY TO BEAN. HORTSCIENCE 10: 615-616. 1975. BEAN LEGUMINOSAE: PHASEOLUS VULGARIS. POT. SOIL SALT SPRAY SODIUM UPTAKE, CHLORIDE UPTAKE, TOXICITY
2293. WILLIAMS, M. D.; UNGAR, I. A. THE EFFECT OF ENVIRONMENTAL PARAMETERS ON THE GERMINATION, GROWTH AND DEVELOPMENT OF SUAEDA DEPRESSA (PURCH) WATS. AM. J. BOT. 59: 912-918. 1972. SEA BLITE CHENOPODIACEAE: SUAEDA DEPRESSA. GERMINATION DISHES, GROWTH CHAMBER, VERMICULITE SODIUM, CHLORIDE, FERTILITY GERMINATION, VEGETATIVE GROWTH, SEEDLING GROWTH, SODIUM UPTAKE
2294. WILLIAMSON, W. T. H. SOME EFFECTS OF CALCIUM COMPOUNDS ON THE SOIL AND ON PLANT GROWTH. SCOTTISH J. AGRIC. 10: 180-184. 1927. BARLEY GRAMINEAE: HORDEUM VULGARE. SOIL, FIELD PLOT CALCIUM VEGETATIVE GROWTH
2295. WILSON, J. R. RESPONSE TO SALINITY IN GLYCINE. III. DRY MATTER ACCUMULATION IN THREE AUSTRALIAN SPECIES AND G. JAVANICA. AUST. J. EXPT. AGRIC. ANIM. HUSB. 7: 50-56. 1967. LEGUMINOSAE: GLYCINE JAVANICA, GLYCINE FALCATA, GLYCINE TOMENTELLA, GLYCINE TABACINA. POT. WATER CULTURE GREENHOUSE SODIUM, CHLORIDE ASSIMILATION, VEGETATIVE GROWTH, ROOT GROWTH, GROWTH RATE
2296. WILSON, J. R. RESPONSE TO SALINITY IN GLYCINE. VI. SOME EFFECTS OF A RANGE OF SHORT-TERM SALT STRESSES ON THE GROWTH, NODULATION, AND NITROGEN FIXATION OF GLYCINE WIGHTII (FORMERLY JAVANICA). AUST. J. AGRIC. RES. 21: 571-582. 1970. LEGUMINOSAE: GLYCINE WIGHTII. SAND, POT. GREENHOUSE SODIUM, CHLORIDE NODULATION, VEGETATIVE GROWTH, NITROGEN FIXATION
2297. WILSON, J. R.; HAYDOCK, K. P.; ROBINS, M. F. THE DEVELOPMENT IN TIME OF STRESS EFFECTS IN 2 SPECIES OF GLYCINE DIFFERING IN SENSITIVITY TO SALT. AUST. J. BIOL. SCI. 23: 537-551. 1970. LEGUMINOSAE: GLYCINE WIGHTII, GLYCINE TOMENTELLA. WATER CULTURE, GREENHOUSE, POT SODIUM, CHLORIDE VEGETATIVE GROWTH, WATER CONTENT, MINERAL COMPOSITION
2298. WILSON, J. R.; HAYDOCK, K. P.; ROBINS, M. F. RESPONSE TO SALINITY IN GLYCINE. V. CHANGES IN THE CHEMICAL COMPOSITION OF 3 AUSTRALIAN SPECIES AND G. WIGHTII (G. JAVANICA) OVER A RANGE OF SALINITY STRESSES. AUST. J. EXPT. AGRIC. ANIM. HUSB. 10: 156-165. 1970. LEGUMINOSAE: GLYCINE WIGHTII, GLYCINE FALCATA, GLYCINE TABACINA, GLYCINE TOMENTELLA. WATER CULTURE, GREENHOUSE SODIUM, CHLORIDE MINERAL COMPOSITION, SALT TOLERANCE
2299. WILSON, J. R.; MORRIS, D. O. SOME EFFECTS OF SALINITY OF GLYCINE JAVANICA AND ITS RHIZOBIUM SYMBIOSIS. 11TH INTERN. GRASSLAND CONGRESS PROC.: 455-458. 1970. LEGUMINOSAE: GLYCINE JAVANICA GREENHOUSE, SAND SODIUM, CHLORIDE, INNOCULATION NODULATION, VEGETATIVE GROWTH
2300. WINTER, K. WACHSTUM UND PHOTOSYNTHESELEISTUNG DER HALOPHYTEN MESEMBRYANTHEMUM NODIFLORUM L. UND SUAEDA MARITIMA (L.) DUM. BEI VARIIRTER NaCl-SALINITÄT DES ANZUCHTMEDIUMS. THE EFFECT OF NaCl-SALINITY ON GROWTH AND PHOTOSYNTHESIS IN THE HALOPHYTES MESEMBRYANTHEMUM NODIFLORUM L. AND SUAEDA MARITIMA (L.) DUM. (GER; ENG SUM). OECOLOGIA 17: 317-324. 1974. GLASSWORT; ICE PLANT CHENOPODIACEAE: SUAEDA MARITIMA; AIZOACEAE: MESEMBRYANTHEMUM NODIFLORUM. WATER CULTURE SODIUM, CHLORIDE OXYGEN UPTAKE, VEGETATIVE GROWTH
2301. WINTER, K. ZUM PROBLEM DER AUSBILDUNG DES CRASSULACEENSAURESTOFFWECHSELS BEI MESEMBRYANTHEMUM CRYSTALLINUM UNTER NaCl EINFLUSS. STUDIES ON NaCl INDUCED CRASSULACEAN ACID METABOLISM. (GER; ENG SUM). PLANTA 109: 135-145. 1973. ICE PLANT AIZOACEAE: MESEMBRYANTHEMUM CRYSTALLINUM. SOIL, POT SODIUM, CHLORIDE CRASSULACEAN ACID METABOLISM.

MALATE

2302. WOLFF, P.; HELLER, E. A. EINFLUSS DER SALINITÄT AUF DIE KEIMFAHIGKEIT BEI MEXIKANISCHEN WEIZEN. GERMINATION CAPACITY OF MEXICAN WHEAT VARIETIES UNDER SALINE CONDITIONS. (GER; ENG SUM). TIOPENLANDWIRT 74: 195-199, 1973. WHEAT GRAMINEAE: TRITICUM AESTIVUM. VARIETY. SODIUM, CHLORIDE, MAGNESIUM, SULFATE, POTASSIUM, CALCIUM, CARBONATE SALT TOLERANCE, GERMINATION
2303. WOODBRIDGE, C. G. THE BORON REQUIREMENTS OF STONE FRUIT TREES. CAN. J. AGRIC. SCI. 35: 282-286, 1955. PEACH; APRICOT; PRUNE; CHERRY ROSACEAE: PRUNUS ARMENIACA, PRUNUS PERSICA, PRUNUS DOMESTICA, PRUNUS. POT. SAND BORON TOXICITY, LEAF INJURY
2304. WOODHAM, R. C. THE CHLORIDE STATUS OF THE IRRIGATED SULTANA VINE AND ITS RELATION TO VINE HEALTH. AUST. J. AGRIC. RES. 7: 414-427, 1956. GRAPE VITACEAE: VITIS. SOIL, FIELD CHLORIDE LEAF INJURY
2305. WOODS, R. V. SALT DEATHS IN PINUS RADIATA AT MOUNT CRAWFORD FOREST PRESERVE, S. A. AUST. FOREST 19: 13-19, 1955. PINE, MONTEREY PINACEAE: PINUS RADIATA. SOIL, FIELD CHLORIDE VEGETATIVE GROWTH, ECOLOGY
2306. WORCESTER, B. K.; SEELIG, B. D. PLANT INDICATORS OF SALINE SEEP. N. D. FARM RES. 34: 18-20, 1976. BARLEY, WILD: BARLEY, SQUIRRELTAIL: KOCHIA; ASTER, WHITE PRAIRIE; PIGWEED; DOCK, CURLY; BRISTLE GRASS, GREEN; BRISTLE GRASS, YELLOW GRAMINEAE: HORDEUM JUBATUM, SETARIA VIRIDIS, SETARIA LUTESCENS, CHENOPODIACEAE: KOCHIA SCOPARIA; POLYGONACEAE: RUMEX CRISPUS; COMPOSITAE: ASTER ERICOIDES; AMARANTHACEAE: AMARANTHUS RETROFLEXUS. FIELD PLOT, SOIL SALINE SOIL ECOLOGY, MINERAL COMPOSITION
2307. WORKMAN, J. P.; WEST, N. E. GERMINATION OF EUROTIA LANATA IN RELATION TO TEMPERATURE AND SALINITY ECOLOGY 48: 659-661, 1967. WINTER FAT CHENOPODIACEAE: EUROTIA LANATA. WATER CULTURE TEMPERATURE, SODIUM, CHLORIDE GERMINATION
2308. WRIGHT, L. N. IMPROVING RANGE GRASSES FOR GERMINATION AND SEEDLING ESTABLISHMENT UNDER STRESS ENVIRONMENTS. IMPROVED RANGE PLANTS, SOCIETY FOR RANGE MANAGEMENT, RANGE SYMPOSIUM SERIES, CAMPBELL, R. S. AND HERBEL, C. H. (EDS.) 1: 3-22, 1974. NATIVE VEGETATION
2309. WYBENGA, J. M.; LEHR, J. J. EXPLORATORY POT EXPERIMENTS ON SENSITIVENESS OF DIFFERENT CROPS TO SODIUM: E. RED TABLE BEET. PLANT SOIL 9: 385-394, 1958. BEET CHENOPODIACEAE: BETA VULGARIS. POT. SOIL SODIUM MINERAL COMPOSITION, VEGETATIVE GROWTH
2310. WYN JONES, R. G. A POSSIBLE NEW METHOD FOR IMPROVING PLANT GROWTH IN SALINE AND CALCAREOUS ENVIRONMENTS. PROC. SYMP. ON THE USE OF ISOTOPES AND RADIATION IN RESEARCH ON SOIL-PLANT RELATIONSHIPS INCLUDING APPLICATIONS IN FORESTRY, DEC. 13-17, 1971. INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA: 109-122, 1972. SOIL CHOLINE, CHLORIDE, SALINE SOIL VEGETATIVE GROWTH, ROOT GROWTH, SALT TOLERANCE
2311. WYSONG, N. SALTING ICY PAVEMENTS MAY AFFECT TREES. AMER. NURSERYMAN 96: 30-31, 1952. TREE SOIL, FIELD DEICING SALT LEAF INJURY, ECOLOGY, VEGETATIVE GROWTH
2312. YABE, A.; KUSE, G.; TAKADA, H. PHYSIOLOGY OF HALOPHYTES. II. REGULATORY MECHANISM OF WATER BALANCE INDUCED BY SODIUM ION. (JAP; ENG SUM). PHYSIOL. ECOL. 14: 1-21, 1966. SALTBUSH; GLASSPORT; SEA BLITE CHENOPODIACEAE: ATRIPLEX SUBCORDATA, SUAEDA ASPARAGOIDES, SALICORNIA HERBACEA. WATER CULTURE, SAND SODIUM, CHLORIDE, POTASSIUM TRANSPIRATION, WATER CONTENT, SODIUM UPTAKE
2313. YADAV, C. N.; MEHTA, B. V. RESIDUAL EFFECTS OF SODIUM SALTS ON THE GROWTH AND CHEMICAL COMPOSITION OF SANNHEMP (CROTALARIA JUNCIA L.) GROWN ON GORADU SOIL. INDIAN J. AGRIC. SCI. 33: 244-250, 1963. SUNN HEMP LEGUMINOSAE: CROTALARIA JUNCIA. SOIL, FIELD PLOT SODIUM, CHLORIDE, SULFATE, BICARBONATE VEGETATIVE GROWTH, MINERAL COMPOSITION

2314. YADAV, J. S.; SINGH, K. TOLERANCE OF CERTAIN FOREST SPECIES TO VARYING DEGREES OF SALINITY AND ALKALI. INDIAN FOREST 96: 587-599. 1970. MESQUITE; DHAK; SISOO; LEBBECK TREE LEGUMINOSAE: ACACIA ARABIC, PROSOPIS JULIFLORA, BUTEA MONOSPERMA, DALBERGIA SISOO, PONGAMIA PINNATA, ALBIZIA LEBBEK; ULMACEAE: HOLOPTELEA INTEGRIFOLIA; MELIACEAE: AZADIRACHTA INDICA; SIMARUBACEAE: AILANTHUS EXCELSA; COMBRETACEAE: TERMINALIA ARJUNA. SOIL, FIELD SALINE SOIL, ALKALI SOIL VEGETATIVE GROWTH
2315. YADAV, N. K.; VYAS, S. R. NOTE ON THE RESPONSE OF ROOT-NODULE RHIZOBIA TO SALINE, ALKALINE AND ACID CONDITIONS. INDIAN J. AGRIC. SCI. 41: 1123-1125. 1971. SUNN HEMP; SOYBEAN; DHAINCHA LEGUMINOSAE: GLYCINE MAX, CROTALARIA JUNCEA, SESBANIA CANNABINA. SODIUM, CHLORIDE, SULFATE, BICARBONATE, MAGNESIUM, POTASSIUM, VARIETY NODULATION, RHIZOBIUM
2316. YADAVA, R. B. R.; MEHRA, K. L.; MAGOON, M. L.; SREENATH, P. R.; YADAV, M. S. VARIETAL DIFFERENCES ON SALT TOLERANCE DURING SEED GERMINATION OF GUAR. INDIAN J. PLANT PHYSIOL. 18: 16-19. 1975. GUAR LEGUMINOSAE: CYAMOPSIS TETRAGONOLOBUS. GERMINATION DISHES VARIETY, SODIUM, CHLORIDE, CARBONATE, BICARBONATE, CALCIUM GERMINATION
2317. YAKLICH, R. W.; ORZOLEK, M. D. EFFECT OF POLYETHYLENE GLYCOL-6000 ON PEPPER SEED. HORTSCIENCE 12: 263-264. 1977. PEPPER SOLANACEAE: CAPSICUM FRUTESCENS, CAPSICUM ANNUUM. GERMINATION DISHES, SOIL, FIELD PLOT POLYETHYLENE GLYCOL, POTASSIUM, CHLORIDE, NITRATE, INDOLEACETIC ACID, GIBBERELIC ACID, GROWTH REGULATOR, SEED PRETREATMENT GERMINATION
2318. YAMAKAWA, H.; IZUMI, S. ON THE SALT TOLERANCE OF CULTIVATED RICE VARIETIES. (JAP). CROP SCI. SOC. JAPAN KYUSHU BRANCH PROC. 26: 63-64. 1966. RICE GRAMINEAE: ORYZA SATIVA. SALT TOLERANCE
2319. YANG, S. C. TESTING RICE VARIETIES FOR SALINITY TOLERANCE. (CHI: ENG SUM). J. TAIWAN AGRIC. RES. 24: 13-22. 1975. RICE GRAMINEAE: ORYZA SATIVA. VARIETY SALT TOLERANCE
2320. YANKOVITCH, L. ETUDE SUR LA RESISTANCE DE CERTAINES CULTURES D'ETE AUX CHLORURES. STUDY ON THE TOLERANCE OF CERTAIN SUMMER CROPS TO CHLORIDE. (FRE). C. R. CONFERENCE DE PEDOLOGIE, MONTPELLIER-ALGIERS, MAY 1947. PARIS ASSOC. FRANCOIS POUR L'ETUDE DES SOLS: 407-419. 1947. MILLET; PEPPER; BEAN; LEPARY; CORN; SORGHUM; EGGPLANT; TOMATO GRAMINEAE: PENNISETUM, ZEA MAYS, SORGHUM VULGARE; SOLANACEAE: CAPSICUM, LYCOPERSICON ESCULENTUM, SOLANUM MELONGENA VAR ESCULENTUM; LEGUMINOSAE: PHASEOLUS ACUTIFOLIUS VAR LATIFOLIUS. SOIL, POT SODIUM, CHLORIDE VEGETATIVE GROWTH
2321. YANKOVITCH, L. RECHERCHE D'UNE METHODE D'ETUDE DE LA RESISTANCE DES PLANTES AUX CHLORURES. RESEARCH ON ONE METHOD OF STUDY ON THE RESISTANCE OF PLANTS TO CHLORIDES. (FRE). SERV. BOT. AGRON. TUNISIE 10: 169-177. 1946. OATS; WHEAT GRAMINEAE: AVENA SATIVA, TRITICUM AESTIVUM. SOIL SODIUM, CHLORIDE, SALINE SOIL GRAIN YIELD, GRAIN WEIGHT, VEGETATIVE GROWTH
2322. YANKOVITCH, L. RESISTANCE AUX CHLORURES DES PLANTES CULTIVEES. CHLORIDE RESISTANCE OF CULTIVATED PLANTS. (FRE). ANNUALES DU SERVICE BOTANIQUE ET AGRONOMIQUE DE TUNISIE, TUNIS. 22: 23-25. 1949. FENUGREEK; WHEAT; BARLEY; OATS; BEAN; PEA; VETCH; FLAX; RAPE; BEET; ONION; KOHLRABI; ALMOND; ORANGE; BEAN, BITTER LEGUMINOSAE: TRIGONELLA FOLNUM-GRAECUM, PHASEOLUS, PISUM SATIVUM, VICIA; GRAMINEAE: TRITICUM AESTIVUM, HORDEUM VULGARE, AVENA SATIVA; CRUCIFERAE: BRASSICA CAULORAPA, BRASSICA NAPUS; LINACEAE: LINUM; CHENOPDIACEAE: BETA VULGARIS; AMARYLLIDACEAE: ALLIUM CEPA; ROSACEAE: PRUNUS AMYGDALUS, RUTACEAE: CITRUS. SOIL SODIUM, CHLORIDE GRAIN YIELD, VEGETATIVE GROWTH, TRANSPIRATION
2323. YARON, B.; MOR, E.; GOELL, A. DISTRIBUTION OF CHLORIDES IN AN IRRIGATED CITRUS ORCHARD. ISRAEL J. AGRIC. RES. 18: 201-208. 1968. ORANGE RUTACEAE: CITRUS SINENSIS. SOIL CHLORIDE, SODIUM ADSORPTION RATIO, SODIUM CHLORIDE UPTAKE
2324. YARON, B.; ZIESLIN, N.; HALEVY, A. H. RESPONSE OF BACCARA ROSES TO SALINE IRRIGATION. J. AMER. SOC. HORT. SCI. 94: 481-484. 1969. ROSE ROSACEAE: ROSA CHINENSIS. GREENHOUSE, SOIL, POT CALCIUM, SODIUM, CHLORIDE, POTASSIUM, NITRATE CHLORIDE UPTAKE, NITRATE UPTAKE, LEAF INJURY, VEGETATIVE GROWTH, FLOWERING

2325. YEO, A. R.; FLOWERS, T. J. SALT TOLERANCE IN THE HALOPHYTE *SUAEDA MARITIMA* (L.) DUM.. INTERACTION BETWEEN ALUMINUM AND SALINITY. ANN. BOT. 41: 331-339. 1977. CHENOPODIACEAE: *SUAEDA MARITIMA*. WATER CULTURE, GROWTH CHAMBER SODIUM, CHLORIDE, ALUMINUM WATER CONTENT, VEGETATIVE GROWTH, ALUMINUM UPTAKE, MINERAL COMPOSITION
2326. YERMANOS, D. M.; FRANCOIS, L. E. DIFFERENCE AMONG SEED SAMPLES FROM PRIMARY, SECONDARY, AND TERTIARY HEADS OF SAFFLOWER. CROP SCI. 3: 560-561. 1963. SAFFLOWER COMPOSITAE: *CARTHAMUS TINCTORIUS*. FIELD PLOT, SOIL SODIUM, CALCIUM, CHLORIDE SEED YIELD, SEED WEIGHT, OIL YIELD
2327. YERMANOS, D. M.; FRANCOIS, L. E.; BERNSTEIN, L. SOIL SALINITY EFFECTS ON THE CHEMICAL COMPOSITION OF THE OIL AND THE OIL CONTENT OF SAFFLOWER SEED. AGRON. J. 56: 35-37. 1964. SAFFLOWER COMPOSITAE: *CARTHAMUS TINCTORIUS*. FIELD PLOT, SOIL SODIUM, CHLORIDE, CALCIUM SEED QUALITY, SEED WEIGHT, OIL YIELD, MINERAL COMPOSITION
2328. YERMANOS, D. M.; FRANCOIS, L. E.; TAMMADONI, T. EFFECTS OF SOIL SALINITY ON THE DEVELOPMENT OF JOJOBA. ECON. BOT. 21: 69-80. 1967. JOJOBA BUXACEAE: *SIMMONDSIA CALIFORNICA*. GREENHOUSE, POT, SOIL SODIUM, CHLORIDE, CALCIUM, SALINE SOIL VEGETATIVE GROWTH
2329. YOSHIDA, S. SALT TOLERANCE OF RICE PLANTS. ANNU. REPT. IRRI: 32-36. 1967. RICE GRAMINEAE: *ORYZA SATIVA*. SOIL, POT, WATER CULTURE SODIUM, CHLORIDE, VARIETY VEGETATIVE GROWTH, SALT TOLERANCE
2330. YOSHIDA, S. A STUDY OF SALT RESISTANCE OF *PINUS DENSIFLORA* SIEB. ET ZUCC. (AKAMATSU) AND *PINUS THUNBERGII* PARL. (KUROMATSU). EFFECT OF ADDED FINE SOIL TO RECLAIMED OFFSHORE LAND ON THE GROWTH OF PINE (*PINUS THUNBERGII* PARL.) TREES. (JAP: ENG SUM). KAGAWA DAIGAKU NOGAKUBU GAKUZYUTU HOKOKU 24: 48-57. 1972. PINE, JAPANESE RED; PINE, JAPANESE BLACK; PINE PINACEAE: *PINUS DENSIFLORA*, *PINUS THUNBERGII*. SOIL, SAND, FIELD SOIL TYPE RECLAMATION, VEGETATIVE GROWTH
2331. YOUNG, H. E. MANAGEMENT OF FOREST STANDS ON HIGHWAY RIGHT-OF-WAYS. RES. LIFE SCI. 20: 5-9. 1973. NATIVE VEGETATION DEICING SALT
2332. YOUNG, J. A.; EVANS, R. A.; GIFFORD, R. O.; ECKERT, R. E., JR. GERMINATION OF MEDUSAHEAD IN RESPONSE TO OSMOTIC STRESS. WEED SCI. 16: 364-368. 1968. MEDUSAHEAD; BROMEGRASS, DOWNY; CHESS, SOFT; HARDING GRASS; WHEATGRASS, INTERMEDIATE; WHEATGRASS, CRESTED; WHEATGRASS, SIBERIAN; WHEATGRASS, PUBESCENT; WHEATGRASS, STREAMBANK; WILDRYE, RUSSIAN, RYE; BLUEGRASS, BIG SHERMAN; FOXTAIL, MEADOW; RYEGRASS, PERENNIAL; RYEGRASS, ITALIAN GRAMINEAE: *TAENIATHERUM ASPERUM*, *BROMUS MOLLIIS*, *PHALARIS TUBEROSA*, *AGROPYRON INTERMEDIUM*, *AGROPYRON DESERTORUM*, *AGROPYRON CRISTATUM*, *AGROPYRON SIBERIUM*, *AGROPYRON TRICHOPHORUM*, *AGROPYRON RIPARIUM*, *ELYMUS JUNCEUS*, *SECALE CEREALE*, *POA AMPLA*, *ALOPECURUS ARUNDINACEUS*, *LOLIUM PERENNE*, *LOLIUM MULTIFLORUM*. SOIL, FIELD PLOT OSMOTIC STRESS GERMINATION
2333. YOUNGNER, V. B.; LUNT, O. R. SALINITY EFFECTS ON ROOTS AND TOPS OF BERMUDA GRASS. J. BRITISH GRASSLAND SOC. 22: 257-259. 1967. BERMUDA GRASS GRAMINEAE: *CYNODON DACTYLON*. WATER CULTURE, POT SODIUM, CALCIUM, CHLORIDE, VARIETY SALT TOLERANCE, VEGETATIVE GROWTH
2334. YOUNGNER, V. B.; LUNT, O. R.; NUDGE, F. SALINITY TOLERANCE OF SEVEN VARIETIES OF CREEPING BENTGRASS *AGROSTIS PALUSTRIS* HUDS. AGRON. J. 59: 335-336. 1967. BENTGRASS GRAMINEAE: *AGROSTIS PALUSTRIS*. WATER CULTURE, POT VARIETY, SODIUM, CHLORIDE, CALCIUM SALT TOLERANCE, VEGETATIVE GROWTH
2335. YOUNIS, A. F.; HATATA, M. A. STUDIES ON THE EFFECTS OF CERTAIN SALTS ON GERMINATION, ON GROWTH OF ROOT, AND ON METABOLISM. I. EFFECTS OF CHLORIDES AND SULPHATES OF SODIUM, POTASSIUM AND MAGNESIUM ON GERMINATION OF WHEAT GRAINS. PLANT SOIL 34: 183-200. 1971. WHEAT GRAMINEAE: *TRITICUM AESTIVUM*. WATER CULTURE, POT, GERMINATION DISHES SODIUM, CHLORIDE, POTASSIUM, MAGNESIUM, SULFATE GERMINATION, ROOT GROWTH, METABOLISM
2336. YOUNIS, A. F.; HATATA, M. A. STUDIES ON THE EFFECTS OF CERTAIN SALTS ON GERMINATION, ON GROWTH OF ROOT, AND ON METABOLISM. II. EFFECT OF DIFFERENT CONCENTRATIONS OF SINGLE SALT SOLUTIONS ON THE GROWTH OF WHEAT ROOT. PLANT SOIL 34: 293-308. 1971. WHEAT GRAMINEAE: *TRITICUM AESTIVUM*. GERMINATION DISHES, POT, WATER CULTURE

POTASSIUM, CHLORIDE, SULFATE, MAGNESIUM ROOT GROWTH, GERMINATION, METABOLISM

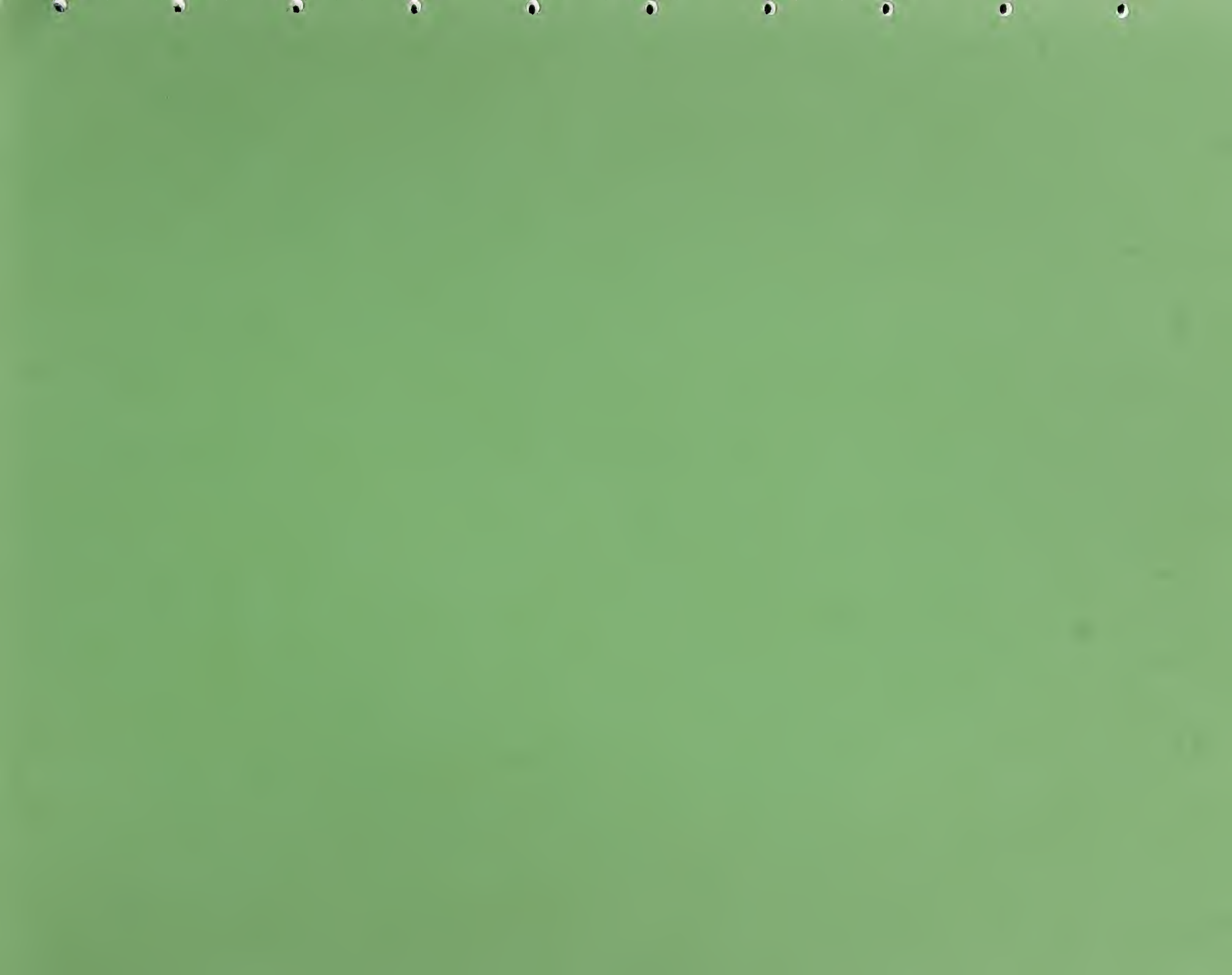
2337. YOUNIS, M. A.; STICKLER, F. C.; DORENSEN, E. L. REACTIONS OF SEVEN ALFALFA VARIETIES UNDER SIMULATED MOISTURE STRESSES IN THE SEEDLING STAGE. *AGRON. J.* 55: 177-182, 1963. ALFALFA LEGUMINOSAE: MEDICAGO SATIVA. GROWTH CHAMBER. GERMINATION DISHES VARIETY, GIBBERELIC ACID, OSMOTIC STRESS, MANNITOL GERMINATION, SEEDLING GROWTH, MINERAL COMPOSITION
2338. YOUSIF, Y. H.; BINGHAM, F. T.; YERMANOS, D. M. GROWTH, MINERAL COMPOSITION, AND SEED OIL OF SESAME (SESAMUM INDICUM L.) AS AFFECTED BY BORON AND EXCHANGEABLE SODIUM. *SOIL SCI. SOC. AMER. PROC.* 36: 923-926, 1972. SESAME PEDALIACEAE: SESAMUM INDICUM. WATER CULTURE, POT, SOIL EXCHANGEABLE SODIUM PERCENTAGE, BORON, KALIUM, SODIUM, BICARBONATE VEGETATIVE GROWTH, OIL YIELD, MINERAL COMPOSITION, BORON UPTAKE
2339. YOUSIF, Y. H.; BINGHAM, F. T.; YERMANOS, D. M. GROWTH, MINERAL COMPOSITION, AND SEED OIL OF SESAME (SESAMUM INDICUM L.) AS AFFECTED BY NaCl. *SOIL SCI. SOC. AMER. PROC.* 36: 450-453, 1972. SESAME PEDALIACEAE: SESAMUM INDICUM. WATER CULTURE SODIUM, CHLORIDE GERMINATION, MINERAL COMPOSITION
2340. YU, T.; CHOU, C.; YAO, W. THE EFFECT OF SOIL SALT ON THE GROWTH AND COMPOSITION OF PASTURE GRASS. (CHI). TRANSLATION OFF. TECH. SERVICES U.S. DEPT. COMMERCE, WASHINGTON D.C. T'U JANG HSUCH PAO 4: 159-167, 1956. GRASS: BROMEGRASS; DAYLILY; DAYLILY, ORANGE; DAYLILY, DWARF YELLOW; BRAKE; CLOVER, SWEET; CLOVER, TOOTH BUR; CLOVER; PEA LEGUMINOSAE: MELILOTUS, MEDICAGO HISPIDA, MEDICAGO DENTICULATA, PISUM, TRIFOLIUM; GRAMINEAE: BROMUS JAPONICUS; LILIACEAE: HEMEROCALLIS FLAVA, HEMEROCALLIS MINOR; POLYPODIACEAE: PTERIS SERRULATA. GREENHOUSE, POT, SOIL SODIUM, CHLORIDE, SULFATE, GROWTH STAGE MINERAL COMPOSITION, VEGETATIVE GROWTH
2341. ZAKHARIN, A. A. SHUNTING FACTOR AS A POSSIBLE CAUSE OF PLANT DEPRESSION DURING SALINIZATION OF THE MEDIUM. *SOV. PLANT PHYSIOL.* 23: 473-480, 1976. TOMATO; BARLEY; PEA LEGUMINOSAE: PISUM SATIVUM; GRAMINEAE: HORDEUM VULGARE; SOLANACEAE: LYCOPERSICON ESCULENTUM. WATER CULTURE, TEST TUBE, POT SODIUM, CHLORIDE, DEXTRAN MINERAL COMPOSITION, VEGETATIVE GROWTH, WATER UPTAKE, NITROGEN UPTAKE, PROTEIN-N, EXULATION, ASH
2342. ZALLER, S.; MITCHELL, A. PASTURE SPECIES FOR NON-IRRIGATED SALT-AFFECTED LAND. *PROC. XITH INTER. GRASS. CONG.* 138-142, 1970. ALKALI GRASS, RYEGRASS; WHEATGRASS, TALL GRAMINEAE: PUCCINELLIA CILIATA, AGROPYRON ELONGATUM, LOLIUM RIGIDUM. FIELD PLOT, SOIL SALINE SOIL, CHLORIDE VEGETATIVE GROWTH
2343. ZAWADZKA, M. OCENA TOLERANCJI WYBRANYCH GATUNKOW TRAW I ROSLIN MOTYLKOWATYCH NA ZASOLENIE SRODOWISKA. EVALUATION OF ENVIRONMENT SALT TOLERANCE OF SELECTED GRASSES AND LEGUMES. (POL: ENG SUM). *ACTA AGROBOT.* 29: 85-98, 1976. FESCUL, MEADOW; FESCUE, RED; FESCUE, SHEEP; ORCHARD GRASS; PENIGRASS; OAT GRASS, TALL; BROMEGRASS, SMOOTH; TIMOTHY; RYEGRASS, PERENNIAL; RYEGRASS, ITALIAN; BLUEGRASS, FOWL; CLOVER, CRIMSON; CLOVER, WHITE; CLOVER, ALSIKE; CLOVER, RED; CLOVER, PERSIAN; TREFOIL, BIRD'S-FOOT; CLOVER, HOP; ALFALFA; CLOVER, WHITE SWEET GRAMINEAE: FESTUCA PRATENSIS, FESTUCA RUBRA, FESTUCA OVINA, DACTYLIS GLOMERATA, AGROSTIS ALBA, APERNATHERUM ELATIUS, BROMUS INERMIS, PHLEUM PRATENSE, POA PALUSTRIS, LOLIUM MULTIFLORUM, LOLIUM PERENNE; LEGUMINOSAE: TRIFOLIUM INCARNATUM, TRIFOLIUM REPENS, TRIFOLIUM HYBRIDUM, TRIFOLIUM PRATENSE, TRIFOLIUM RESUPINATUM, LOTUS CORNICULATUS, MEDICAGO LUPULINA, MEDICAGO SATIVA, MELILOTUS ALBA, ANTHYLLIS VULNERARIA. SALINE WATER GERMINATION, SALT TOLERANCE
2344. ZELAZNY, L. SALT TOLERANCE OF ROADSIDE VEGETATION. IN POLLUTANTS IN THE ROADSIDE ENVIRONMENT, UNIV. CONN. SYMP. *PROC.* (FEB. 29): 50-56 1968. TREE; SHRUB FIELD, SOIL DEICING SALT SALT TOLERANCE, VEGETATIVE GROWTH
2345. ZELAZNY, L. W.; BLASER, R. E. EFFECTS OF DE-ICING SALTS ON ROADSIDE SOILS AND VEGETATION. TRANSPORTATION RESEARCH BOARD, HIGHWAY RES. RECORD 335: 9-12, 1970. MAPLE, SILVER ACERACEAE: ACER SACCHARINUM. FIELD, SOIL DEICING SALT, SODIUM, CHLORIDE CHLORIDE UPTAKE, SODIUM UPTAKE
2346. ZHDANOVA, L. P. EFFECT OF ALKALINIZATION OF SOIL ON THE INTENSITY OF PHOTOSYNTHESIS IN DIFFERENT SPECIES OF COTTON. *COMPT. REND. ACAD. SCI. URSS* 45: 353-356, 1944. COTTON MALVACEAE: GOSSYPIUM BARBADENSE, GOSSYPIUM HIRSUTUM, GOSSYPIUM HERBACEUM. POT, SOIL CHLORIDE, ALKALI SOIL, SODIUM, SULFATE PHOTOSYNTHESIS

2347. ZHEMCHUZHNIKOV, E. A. ON SALT RESISTANCE ON TREES AND SHRUBS. COMPT. REND. ACAD. SCI. URSS 51: 67-71. 1946. POPLAR, PYRAMID; OLEASTER; ELM, SIBERIAN; BOX ELDER; CHERRY, SAND WESTERN; CRABAPPLE, SIBERIAN; RASPBERRY, RED; APRICOT; MULBERRY, WHITE; TAMARISK; LOCUST, BLACK; CURRANT, EUROPEAN BLACK; LILAC, HUNGARIAN; MAPLE, AMUR; BIRCH ROSACEAE: PRUNUS BESSEYI, PYRUS BACCATA, MALUS BACCATA, RUBUS IDAEUS, PRUNUS ARMENIACA; ACERACEAE: ACER NEGUNDO, ACER GINNALA; SALICACEAE: POPULUS NIGRA VAR PYRAMIDALIS, POPULUS LAURIFOLIA; ELAEAGNACEAE: ELAEAGNUS ANGUSTIFOLIA; ULMACEAE: ULMUS PUMILA; MORACEAE: MORUS ALBA; TAMARICACEAE: TAMARIX HYSSIDA, TAMARIX PALLASII; LEGUMINOSAE: ROBINIA PSEUDOACACIA; SAXIFRAGACEAE: RIBES NIGRUM; OLEACEAE: SYRINGA JOSIKAEA; CORYLACEAE: BETULA DAVURICA. POT. SOIL. FIELD SALINE WATER, CHLORIDE, SULFATE SALT TOLERANCE
2348. ZHEMCHUZHNIKOV, E. A. OSMOTIC PRESSURE AND THE COMPOSITION OF THE CELL SAP IN ARBOREOUS PLANTS OF DIFFERENT SALT RESISTANCE UNDER INCREASING SOIL ALKALINITY. COMPT. REND. ACAD. SCI. URSS 52: 627-630. 1946. POPLAR, BLACK; OLEASTER; ELM, SIBERIAN; BOX ELDER; CHERRY, SAND WESTERN; CRABAPPLE, SIBERIAN; RASPBERRY, RED; APRICOT; MULBERRY, WHITE ROSACEAE: PRUNUS BESSEYI, PYRUS BACCATA, MALUS BACCATA, RUBUS IDAEUS, PRUNUS ARMENIACA; SALICACEAE: POPULUS NIGRA, POPULUS LAURIFOLIA; ELAEAGNACEAE: ELAEAGNUS ANGUSTIFOLIA; ULMACEAE: ULMUS PUMILA; ACERACEAE: ACER NEGUNDO; MORACEAE: MORUS ALBA. FIELD, SOIL CHLORIDE, SULFATE, SALINE WATER CHLORIDE UPTAKE, MINERAL COMPOSITION, OSMOTIC PRESSURE
2349. ZHUKOV, A. I.; ZHUKOVA, N. A. LUPINE FOR FEED IN HIGHLY ALKALI SOILS OF THE ALTAI MOUNTAIN REGION. (RUS). SIB. VESTN. S-KH. NAUK. 4: 50-53. 1972. LUPINE LEGUMINOSAE: LUPINUS. FIELD, SOIL SALINE SOIL, VARIETY VEGETATIVE GROWTH
2350. ZHUKOVSKAYA, N. V. ABSORPTION AND ACCUMULATION OF PHOSPHATE BY PLANTS UNDER CONDITIONS OF SOIL SALINIZATION. SOVIET PLANT PHYSIOL. 20: 55-61. 1973. BARLEY; SUNFLOWER GRAMINEAE: HORDEUM VULGARE; COMPOSITAE: HELIANTHUS. GREENHOUSE, SOIL, WATER CULTURE SODIUM, CHLORIDE, SULFATE, PHOSPHATE TILLERING, VEGETATIVE GROWTH, PHOSPHORUS UPTAKE
2351. ZHUKOVSKAYA, N. V. EFFECT OF PRESOWING SALT HARDENING OF SEEDS ON PHOSPHORUS METABOLISM IN PLANTS UNDER CONDITIONS OF SOIL SALINIZATION. SOVIET PLANT PHYSIOL. 18: 117-120. 1971. BARLEY GRAMINEAE: HORDEUM VULGARE. GREENHOUSE, SOIL CHLORIDE, SULFATE, SEED PRETREATMENT VEGETATIVE GROWTH, NUCLEIC ACID, ORGANIC PHOSPHORUS, PHOSPHATIDES
2352. ZHUKOVSKAYA, N. V.; DZHANIBEKOVA, L. S.-A.; GAIDAMAKINA, L. F.; LUTSENKO, E. K. CERTAIN ASPECTS OF SEED METABOLISM DURING GERMINATION AND THE EFFECT EXERTED ON THEM BY SALINIZATION. SOVIET PLANT PHYSIOL. 19: 517-524. 1972. BARLEY; SUNFLOWER GRAMINEAE: HORDEUM VULGARE; COMPOSITAE: HELIANTHUS. SODIUM, CHLORIDE, SULFATE CELL DIVISION, SEEDLING GROWTH, GERMINATION, OLIGOSACCHARIDE, GLUCOSE, FRUCTOSE, SUCROSE
2353. ZID, E. CROISSANCE ET ALIMENTATION MINEROLE DU JEUNE BIGARDIER CULTIVE EN PRESENCE DE CHLORURE DE SODIUM. EFFET DE VARIATIONS DE LA CONCENTRATION DU POTASSIUM, THE GROWTH AND MINERAL NUTRITION OF YOUNG SOUR ORANGE GROWN IN THE PRESENCE OF SODIUM CHLORIDE. EFFECT OF VARIATIONS IN THE POTASSIUM CONCENTRATION. (FRE). FRUITS 30: 403-410. 1975. ORANGE, SOUR RUTACEAE: CITRUS AURANTIUM. SODIUM, POTASSIUM, CHLORIDE VEGETATIVE GROWTH, LEAF INJURY, MINERAL COMPOSITION
2354. ZIMINA, N. I.; STAMOS, G. I. A.; ADAMBEKOV, K. EFFECT OF VARIOUS LEVELS OF INORGANIC FERTILIZERS IN COTTON CROPS WITH DIFFERENT DEGREES OF SALINIZATION AND CONCENTRATION OF SOIL SOLUTION. (RUS). TR. VSES. NAUCHN. ISSLED. INST. KHLOPKOVOD 32: 60-68. 1975. COTTON MALVACEAE: GOSSYPIMUM. FIELD, SOIL NITROGEN, PHOSPHORUS, FERTILIZER, SALINE SOIL WATER CONTENT, LINT YIELD
2355. ZULAUF, R. DIE PFLANZEN UND IHRE SALZTOLERANSTUFEN. THE PLANTS AND THEIR SALT TOLERANCE CATEGORIES. (GER). STRASSE UND VERKEHR 12: 601-605. 1966. TREE; SHRUB; GRASS; VEGETABLE; FORAGE CROP; LEGUME; FLOWER; HERB; GRAIN CROP; FRUIT TREE; ROOT CROP; NATIVE VEGETATION SALT TOLERANCE
2356. ZULAUF, R. PFLANZENSCHADEN DURCH STREUSALZVERWENDUNG IN WINTERDIENST. PLANT DAMAGE BY SPREADING DEICING SALT BY THE WINTER SERVICE (HIGHWAY DEPT.). (GER). STRASSE UND VERKEHR 52: 519-526. 1966. MAPLE, NORWAY; CHESTNUT, HORSE; FILBERT, EUROPEAN ACERACEAE: ACER PLATANOIDES, AESCULUS HIPPOCASTANUM; CORYLACEAE: CORYLUS AVELLANA. FIELD,

SOIL DEICING SALT. SODIUM. CHLORIDE. CALCIUM. MAGNESIUM. CARBONATE. BICARBONATE ECOLOGY

2357. ZUSMAN, P. TOXIC INFLUENCES OF SODIUM AND SULPHATE IONS ON CITRUS SEEDLINGS. ISRAEL RES. COUNCIL BULL. 5D: 210-218.
1956. LIME. SWEET: ORANGE. SOUR RUTACEAE: CITRUS AURANTIUM, CITRUS AURANTIIFOLIA. POT. SAND SULFATE.
SODIUM. ROOTSTOCK VEGETATIVE GROWTH. ROOT GROWTH. MINERAL COMPOSITION







MASTER INDEX

ACACIA 1215, 1216
 ACACIA, GRAFFIANA 1668
 ACACIA, WHITE 705, 780, 1142, 1471
 ADAM'S NEEDLE 829
 AFGHANISTAN GRASS 2043
 AILANTHUS 2129
 AIR PLANT 1074
 ALDER 343, 724, 959, 1756, 1841, 2090
 ALDER, BLACK 345, 1236, 1842, 2090
 ALDER, EUROPEAN 724, 1236
 ALDER, SMOOTH 2090
 ALDER, SPECKLED 1949, 2090
 ALFALFA 1, 3, 6, 7, 38, 76, 112, 129, 224, 226, 231, 232, 238, 255, 298, 322, 327, 332-334, 376, 377, 475, 510-512, 536-538, 540, 543, 555, 604, 608, 636-640, 694, 755, 792, 831, 839, 846-848, 895, 900, 912, 977, 1000, 1084, 1086-1088, 1120, 1139, 1140, 1156, 1182, 1196, 1202, 1210, 1211, 1213, 1223, 1247, 1254, 1259, 1273, 1303, 1345, 1346, 1359, 1405, 1452, 1456, 1475, 1479, 1519, 1521, 1582, 1627, 1654, 1718, 1737, 1748, 1749, 1766, 1777, 1788, 1791, 1797, 1800, 1892, 1932, 1935, 1942, 1960, 1961, 1963, 2043, 2045, 2047, 2087, 2088, 2103, 2112, 2115, 2134, 2188, 2191, 2210, 2244, 2258, 2327, 2343
 ALKALI GRASS 54, 347, 348, 392, 458, 487, 1535, 1997, 2342
 ALKALI GRASS, LEMMON 347, 940
 ALKALI GRASS, NUTTALL 346, 658, 1088
 ALKALI GRASS, WEeping 346, 347
 ALKALI HEATH 1818
 ALKALI SACATON 576, 658, 940, 952, 953, 1088, 2043

ALMOND 219, 324, 555, 834, 837, 1186, 1234, 1235, 1520, 2245, 2322
 ALYSSUM 1424, 1425
 ALYSSUM, SWEET 1757
 AMARYLLIS 1362
 AMORPHA 780, 1215, 1216
 ANGLETON GRASS 701, 704
 APPLE 180, 216, 345, 477, 488, 491, 492, 500, 835, 940, 918, 985, 1264, 1520, 1632, 1638, 1659, 1842, 1961, 2129, 2279
 APPLE (SEE ALSO CRABAPPLE)
 APPLE, ROSE 425
 APRICOT 219, 216, 324, 542, 555, 780, 834, 835, 1084, 1186, 1215, 1216, 1234, 1434, 1437, 1520, 1664, 2002, 2147, 2245, 2267, 2303, 2347, 2348
 ARBORVITAE 213, 229, 330, 2259
 ARBORVITAE, ORIENTAL 2164
 ARHAR (SEE CAVAN)
 ARROW GRASS 1661, 2272
 ARROWWEED 1818
 ARROWWOOD 958
 ARTICHOKE 334, 475, 536, 1186, 1259, 1960, 1961
 ARTICHOKE, GLOBE 1084, 1088
 ARTICHOKE, JERUSALEM 528
 ASH 188, 845, 1471, 1756
 ASH, EUROPEAN 724, 1220, 1222, 1236, 1841, 1842
 ASH, EUROPEAN MOUNTAIN 724, 1220, 1222, 1236, 1842, 2090
 ASH, GREEN 595, 780, 829, 1142, 1424, 1426, 1664, 2090, 2095
 ASH, MARSHALL SEEDLESS 2090



ASH MOUNTAIN
343, 724
ASH MOUNTAIN SHOWY
2090
ASH WHITE
920, 1364, 1752-1754, 1949, 2084, 2090
ASPARAGUS
334, 536, 1084, 1088, 1186, 1789, 1935, 1963,
2115
ASPEN
330, 343, 1015, 1222, 1637, 2084
ASPEN EUROPEAN
1154, 1842, 1886
ASPEN LARGE TOOTHED
1949, 2090
ASPEN OUAUKING
1752, 1753, 1949
ASPEN TREMBLING
2090
ASTER
562, 960, 961, 1516, 2196, 2229, 2272
ASTER CHINA
1130, 1286
ASTER SEA
380
ASTER WHITE PRAIRIE
2306
ASTRACALUS
38
ATRIPLEX
92, 641, 767, 769, 2053
AVOCADO
105, 108, 109, 183, 268, 271, 312, 419, 420,
423, 425, 435, 477, 537, 555, 593, 594, 613,
793, 794, 799, 801-804, 807-810, 920, 1054-
1056, 1339, 1340, 1342, 1346, 2137, 2257, 2279
AZALEA
1277, 1278, 1281, 1282, 1516, 2278
BACCHARIS KIDNEYWORT
1668
BACCHARIS MULEFAT
1668
BAHIA GRASS
1675
BAHIA GRASS PENSACOLA
1668
BAJRA (SEE MILLET, PEARL)
BAMBATSU
1800
BAMBOO HEAVENLY
229
BANANA
369, 617

BARBADA
1160
BARBERRY
330, 343, 1424, 1426
BARBERRY COMMON
2090
BARBERRY JAPANESE
2090
BARBERRY KOREAN
2090
BARLEY
1, 3, 4, 10, 35, 36, 82, 84, 90, 103, 104, 110,
112, 125, 147, 148, 162, 189-191, 193, 225,
255, 256, 275, 317, 326, 327, 332, 334, 400,
402, 403, 415, 466, 467, 474, 506, 518-520,
533, 536, 538, 540, 575, 577, 578, 580, 583-
585, 517, 588, 599, 600, 605, 610, 615, 616,
673, 683, 714, 715, 750, 755, 759-763, 766,
770, 771, 776, 784, 785, 797, 827, 846-848,
857, 862, 896, 910, 948, 950, 983, 986, 999,
1023-1025, 1048, 1082, 1084, 1088, 1105, 1113-
1115, 1145, 1146, 1183, 1186, 1207, 1227, 1238-
1240, 1254, 1260, 1262, 1303, 1321, 1322, 1329,
1332, 1336, 1344, 1356-1359, 1377, 1405, 1411,
1441, 1444, 1449, 1452, 1470, 1476, 1510, 1512,
1514, 1516, 1529, 1533, 1579, 1582, 1599-1601,
1616, 1641, 1643, 1654, 1668, 1694, 1718, 1720,
1728, 1741, 1742, 1798, 1801, 1813, 1819-1821,
1823, 1845, 1867, 1890, 1935, 1940, 1942, 1943,
1950, 1956, 1961, 2043, 2045, 2052, 2053, 2063,
2074, 2075, 2081, 2115, 2123, 2136, 2142, 2149,
2173, 2174, 2178, 2179, 2181-2184, 2186, 2187,
2225, 2226, 2246, 2264, 2281, 2294, 2322, 2341,
2350-2352
BARLEY SEA
779, 1405
BARLEY SQUIRRELTAIL
1463, 2190, 2196, 2199, 2306
BARLEY WILD
1260, 2306
BARN YARD GRASS
1431
BASSWOOD
654, 724, 1220, 1752, 1753, 1949
BASTARD INDIGO
330, 918, 2117, 2164
BEACHGRASS
184
BEAM WHITE
1222

BEAN

114, 118-119, 121, 171, 190, 217, 255, 290,
325, 401, 413, 416, 454, 455, 475, 483, 514,
523, 537, 539, 555, 574, 597, 605, 620, 640,
646, 676, 681, 695-697, 767, 769, 869, 914,
946, 980, 986, 987, 1012, 1017-1019, 1043,
1083, 1112-1114, 1123, 1146, 1158, 1170, 1171,
1176-1181, 1186, 1198, 1207, 1249, 1267-1269,
1271, 1272, 1274, 1275, 1285, 1294, 1297, 1303,
1364, 1382-1386, 1395, 1407, 1422, 1439, 1470,
1478, 1481-1483, 1485, 1486, 1502, 1506, 1516,
1546, 1553, 1573, 1609, 1626, 1627, 1666, 1676-
1679, 1685, 1686, 1688, 1730, 1765, 1766, 1791,
1803, 1850, 1928, 1941, 1956, 1958, 1961, 1963,
2053, 2097, 2126, 2133, 2149, 2173, 2179, 2180,
2183, 2185-2187, 2232, 2234, 2235, 2238, 2241,
2244, 2253, 2264, 2279, 2286, 2287, 2292, 2322

BEAN, BROAD

111, 189, 584, 587, 588, 606, 623, 827, 903,
960, 983, 1043, 1084, 1088, 1123, 1193, 1194,
1423, 1442, 1443, 1543, 1546, 1547, 1748, 1749,
1919-1923, 1925, 1928, 2074, 2079-2081, 2133,
2174, 2264

BEAN, CASTOR

5, 292, 1303, 1377, 1889

BEAN, CLUSTER

238

BEAN, DWARF

1627

BEAN, GREEN

232

BEAN, HYACINTH

682, 1370-1380, 1697, 2123, 2131

BEAN, INDIAN (SEE BEAN, HYACINTH)

BEAN, KIDNEY

189, 536, 903, 1059, 1499-1501, 1505, 1547-
1549, 1566, 1931

BEAN, LIMA

536, 1686, 1687, 1996

BEAN, LIMA DWARF

903

BEAN, MOTH

932, 986, 1000, 2247

BEAN, MUNG

29, 159, 394, 1043, 1105, 1164, 1320, 1377,
1810, 1902, 1903, 1980

BEAN, MURRAY PHASEY

1600

BEAN, PINIO

519, 915

BEAN, RED KIDNEY

112, 655

BEAN, RED KIDNEY DWARF

199

BEAN, SIEVA

986

BEAN, SNAP

1543, 1687, 1996

BEAN, TEPARY

848, 903, 2320

BEAN, VELVET

1000

BEAN, WAX

1300

BEAN, WINSOR

903

BEAN-CAPER

1959

BEAN-TREE

330

BEE PLANT

1818

BEECH

1264, 1756, 1842, 2084

BEECH, EUROPEAN

342, 724, 1020, 1220, 1222, 1236, 1841

BEEFWOOD

1084, 1088, 1312, 1393

BEET

1, 176, 225, 232, 299, 323, 327, 334, 454, 455,
480, 536, 960, 1040, 1186, 1254, 1276, 1300,
1346, 1395, 1523, 1626, 1686, 1687, 1725, 1814,
1956, 1963, 2149, 2236, 2309, 2322

BEET, FORAGE

1303

BEET, LEAF

536

BEET, RED

1482

BEET, SILVER

608

BEET, SUGAR

21, 82, 84, 96, 107, 112, 172, 178, 189-191,
193, 215, 291, 293, 327, 481, 484, 522, 523,
532, 536, 538, 540, 543, 644, 827, 838, 846-
849, 884, 885, 944, 1001, 1072, 1084, 1087,
1088, 1146, 1207, 1218, 1303, 1318, 1359, 1452,
1502, 1627, 1638, 1654, 1719, 1748, 1749, 1766,
1890, 1911, 2063, 2153, 2167, 2225, 2233, 2250

BIGONIA

683, 1362, 1516

BENTGRASS

440, 832, 833, 2146, 2334, 2343

BENTGRASS, COLONIAL

1287, 1517

1880-1881

1880-1881

1880-1881

1880-1881

1880-1881

1880-1881

1880-1881

1880-1881

1880-1881

1880-1881

BENTGRASS. CREEPING
1207, 1517, 1907, 2282

BENTGRASS. HIGHLAND
444, 1997, 2282

BENTGRASS. METROPOLITAN
2055

BENTGRASS. SEASIDE
658, 1279, 2055, 2282

BENTGRASS. VELVET
1997

BERMUDA GRASS
30, 54, 354, 411, 658, 701, 704, 730, 1088,
1188, 1279, 1359, 1516, 1517, 1668, 1675, 1702,
1704, 1840, 1961, 2043, 2055, 2279, 2282, 2333

BETONY
1889

BIRCH
257, 651, 724, 1015, 1151, 1220, 1236, 1756,
1790, 1842, 1886, 2347

BIRCH. BLACK
920, 922, 926, 1753, 1949

BIRCH. CANOE
1752

BIRCH. CHERRY
2090

BIRCH. EUROPEAN WHITE
1222, 1886, 2090

BIRCH. GRAY
1752, 1753, 1949, 2090

BIRCH. PAPER
1753, 1949, 2090

BIRCH. SWEET
1752

BIRCH. WHITE
829, 920, 1754

BIRCH. YELLOW
1752, 1753, 1949, 2090

BITTERBRUSH. DESERT
1668

BLACKBERRY
536, 553, 1949

BLACKTHORN
724, 1236

BLADDERPOD
1668

BLUEBUSH
487, 488

BLUEGRASS
1516, 2196, 2199

BLUEGRASS. ANNUAL
440, 441, 473

BLUEGRASS. BIG SHERMAN
2332

BLUEGRASS. FOWL
2343

BLUEGRASS. KENTUCKY
172, 306, 440-444, 473, 479, 536, 848, 900,
940, 1279, 1287, 1517, 1997, 2055, 2139-2141,
2216, 2277, 2282

BLUEGRASS. SANIBERG
1463

BLUESTEM. DIAZ
1909

BOTTLEBRUSH
213, 229

BOUGAINVILLEA
229

BOX ELDER
654, 845, 2090, 2129, 2347, 2348

BOX THORN
93, 724, 960, 1842, 2117

BOXWOOD
229, 1236

BOYSENBERRY
553

BRAKE
2340

BRAMBLES
1756

BREADFRUIT
369

BRIDAL-WREATH
2129

BPINJAL
1319

BRISTLE GRASS. GREEN
2306

BRISTLE GRASS. YELLOW
2306

BROADBEAN (SEE BEAN, BROAD)

BROCCOLI
176, 225, 1254, 1276, 1359, 1766

BROMEGRASS
639, 1760, 1365, 1519, 1521, 2216, 2340

BROMEGRASS. AWMLESS
961

BROMEGRASS. DOWNY
2332

BROMEGRASS. LINCOLN SMITH
1368

BROMEGRASS. SMOOTH
1084, 1088, 1366, 2343

BROMEGRASS. UPRIGHT
609

BROOM. SPANISH
166B

BRUSSEL SPROUT
334, 454, 455
BUCKBEAN
961
BUCKEYE, CHIO
1220, 1222
BUCKTHORN
343, 2129
BUCKTHORN, ALDER
1842, 2090
BUCKTHORN, SEA
1841, 1842, 2090
BUCKWHEAT
326, 530, 658, 848, 1788, 1791, 2012, 2013,
2153, 2225
BUCKWHEAT, CALIFORNIA
1668
BUFFALO BERRY
1424, 2090
BUFFALO BERRY, SILVER
1426
BUFFALO GRASS
658, 1762
BUFFEL GRASS
701, 704, 754
BUFFEL GRASS, GAYNDAH
1800
BUFFEL GRASS, NUNBANK
1800
BULRUSH
54, 961, 1661, 2196
BURNET, SALAD
609
BURNING BUSH
343
BUTTERNUT
2129
CABBAGE
172, 225, 334, 454, 455, 509, 529, 536, 555,
681, 962, 1040, 1084, 1088, 1109, 1133, 1186,
1297, 1319, 1359, 1378-1380, 1482, 1544, 1546,
1547, 1576, 1626, 1687, 1766, 1768, 1924, 1961,
2065, 2073, 2225
CABBAGE, CHINESE
962, 964, 1544, 1546, 1547, 1550, 1551, 1928
CACTUS
1463, 1818
CAJAN
1377, 1578
CALAMONDIN
2098
CALCEOLARIA
1362

CALENDULA
536, 2251
CAMAS, DEATH
1818
CAMELLIA
667, 1277, 1278
CANARY GRASS
608
CANARY GRASS, FEED
538, 1065, 1366, 1762
CANTALOUPE (SEE MUSKMELON)
CARAWAY
191
CARNATION
596, 1280, 1283, 1424, 1425, 1516, 1846-1848,
1857, 2251, 2283
CAROB
1146
CARROT
215, 225, 325, 334, 454, 455, 536, 1180, 1186,
1300, 1310, 1345, 1346, 1359, 1516, 1545-1547,
1550, 1661, 1687, 1725, 1730, 1766, 1768, 1816,
1928, 1961, 2053, 2153
CARROT, WILD
1818
CASCARA
343
CASTOR BEAN (SEE BEAN, CASTOR)
CATALPA
780, 2164
CATALPA, COMMON
257
CATTAIL
961, 1170
CAULIFLOWER
334, 454, 455, 596, 597, 1084, 1088, 1319,
1687, 1766
CEDAR, EASTERN RED
1424, 1426
CEDAR, EASTERN WHITE
2090
CEDAR, INCENSE
1668
CEDAR, RED
1440, 1752, 1949, 2090, 2259, 2273
CEDAR, WHITE
820, 917, 1264, 1440, 2259
CELERIAC
454, 455
CELERY
536, 1084, 1088, 1544, 1546, 1548, 1550, 1687,
1856, 1928, 1931

CELOSIA 1150, 1424, 1425
 CHAMISE 1668
 CHAMISO 1818
 CHAMIZA 2043
 CHARD 1541, 1548, 2115
 CHERIMOYA 423
 CHERRY 180, 500, 536, 835, 924, 1084, 1597, 1659, 1664, 1790, 2303
 CHERRY, BLACK 450, 1752, 1753, 1949, 2090
 CHERRY, CORNELIAN 1842, 2090
 CHERRY, EUROPEAN BIRD 1842, 2090
 CHERRY, JAPANESE FLOWERING 1220, 1222
 CHERRY, SAND WESTERN 2347, 2348
 CHERRY, SURINAM 423
 CHERRY, SWEET 834, 1220, 1222, 1234, 1842
 CHERRY, WILD BLACK 724, 1841
 CHESS, SOFT 2332
 CHESTNUT 1790
 CHESTNUT, HORSE 279, 330, 546, 724, 1220-1222, 1236, 1796, 2090, 2356
 CHESTNUT, RED HORSE 1220, 1222
 CHICK PEA (SEE PEA, CHICK)
 CHICKLEED, MOUSE-EARED 440
 CHICORY 454, 455
 CHILLIES 1064
 CHINABERRY 1084, 1088, 2164
 CHINESE EVERGREEN 1362
 CHITTAMWOOD 845

CHRYSANTHEMUM 725, 1126, 1285, 1286, 1362, 1516, 1667, 1693, 1802, 2251
 CINERARIA 1362
 CINQUEFOIL 961
 CITRANGE 662, 800
 CITRUMELO 662
 CITRUS 312, 362-364, 369, 418, 421-423, 426-428, 432, 434, 447, 537, 661, 811, 949, 1033, 1092-1094, 1296, 1343, 1344, 1359, 1414, 1415, 1453, 1620, 1734, 1739, 1744, 1963
 CLEMATIS 1153
 CLIFFROSE, STANSBURY 1668
 CLOVER 64, 232, 575, 568, 1139, 1301, 1519, 1521, 1539, 1725, 1728-1730, 1746, 1961, 2264, 2340
 CLOVER, ALSIKE 106, 773, 848, 2343
 CLOVER, ALYCE 1777
 CLOVER, BERSEEM 90, 141, 145, 150, 238, 475, 584, 587, 604, 648, 945, 1000, 1047, 1084, 1145, 1254, 1377, 1413, 1639, 1727, 1731, 1732, 1800, 1990, 2247, 2265
 CLOVER, BUR 1777, 1778
 CLOVER, CHINESE BUSH 959
 CLOVER, CRIMSON 1777, 1778, 2343
 CLOVER, EGYPTIAN (SEE CLOVER, BERSEEM)
 CLOVER, HOP 2343
 CLOVER, INDIAN 238
 CLOVER, KONDININ ROSE 1800
 CLOVER, LADINO 106, 694, 715, 1273
 CLOVER, PERSIAN 2343
 CLOVER, PURPLE 1627

CLOVER, RED⁺
82, 106, 172, 191, 193, 555, 848, 900, 1273,
1452, 1710, 1777, 1813, 2045, 2343

CLOVER, STRAWBERRY
38, 106, 694, 715, 773, 779, 1088, 1201, 1312,
1800, 2043

CLOVER, SWEET
38, 410, 536, 638, 848, 1000, 1084, 1088, 1133,
1186, 1475, 1745, 1961, 1963, 1968, 1969, 2016,
2073, 2340

CLOVER, TOOTH BUR
2340

CLOVER, WHITE
172, 473, 773, 900, 961, 1028, 1777, 2045,
2053, 2264, 2343

CLOVER, WHITE DUTCH
2055

CLOVER, WHITE NEW ZEALAND
1800

CLOVER, WHITE SAFARI
1800

CLOVER, WHITE SWEET
331, 1000, 1746, 1968, 1986, 2343

CLOVER, YELLOW SWEET
1214, 1969

COCOA
369

COCONUT
369, 1161, 2131

COLEUS
1362, 1956

COLLARD
1249, 1687

COLUMBINE
609

CORALBERRY
2090

CORDGRASS
621, 658, 1429, 1636, 2199

CORDGRASS, ALKALI
658

CORDGRASS, BIG
64

CORDGRASS, GULF
64

CORDGRASS, MARSHHAY
64

CORDGRASS, ORACH SALTMEADOW
457

CORDGRASS, SALTMEADOW
653

CORDGRASS, SMOOTH
64, 457

CORKWOOD
1393

CORN
2, 31, 37, 60, 63, 103, 112, 128, 129, 132,
142, 225, 256, 269, 275, 314, 327, 401, 414,
447, 463, 466, 467, 475, 481, 521, 523, 529,
536-538, 579, 586, 588, 640, 646, 658, 723,
726, 76, 830, 831, 844, 846-848, 855, 863,
893, 915, 986, 987, 1005, 1026, 1038, 1045,
1051, 1083, 1084, 1087, 1096, 1097, 1101, 1145,
1186, 1195-1198, 1200, 1253, 1270, 1303, 1319,
1321, 1322, 1330, 1377, 1395, 1442, 1443, 1451,
1452, 1456, 1465, 1466, 1475, 1478, 1480, 1484,
1516, 1521, 1553, 1582, 1593, 1601, 1627, 1640,
1650, 1669, 1686, 1687, 1718, 1724, 1725, 1728-
1730, 1788, 1791, 1814, 1852, 1862, 1867, 1881,
1916, 1918, 1922, 1932, 1941, 1944, 1947, 1961,
1991, 1996, 2036, 2046, 2053, 2074, 2112, 2132,
2154, 2181, 2182, 2218, 2225, 2244, 2246, 2247,
2320

COTONEASTER
2090

COTTON
15, 16, 25, 32-34, 58, 68, 89, 91, 94, 123,
124, 128, 129, 182, 198, 255, 256, 303, 334,
340, 345, 377, 466, 467, 514, 519, 534, 536-
538, 540, 543, 571, 573, 574, 586, 639, 640,
668, 669, 676, 702, 703, 710, 712, 717, 718,
849-851, 853, 854, 883, 902, 914-916, 982, 983,
1009, 1084, 1087, 1088, 1096, 1105, 1120, 1135,
1138-1140, 1155, 1168, 1204, 1250-1252, 1259,
1321, 1322, 1359, 1377-1380, 1389, 1455, 1485,
1491-1493, 1495, 1496, 1516, 1521, 1584, 1609,
1625, 1644, 1650, 1660, 1681, 1687, 1694, 1697,
1780, 1806, 1854, 1866, 1890, 1899, 1912, 1918,
1952, 1960-1963, 1995, 1996, 2012, 2027, 2028,
2043, 2057-2060, 2063, 2065-2067, 2072, 2075-
2078, 2081, 2127, 2169, 2237, 2240, 2244, 2246,
2247, 2346, 2354

COTTONWEED
1616

COTTONWOOD
330, 343, 2084, 2090

COTTONWOOD, FREMONT
1084, 1088, 1668

COTTONWOOD, GREAT PLAINS
2090

COTTONWOOD, NARROWLEAVED
2090

COUCH GRASS
76

COUCH GRASS, COMMON
1405

COUCH GRASS, SALT WATER
779, 1374, 1405

COWPEA
159, 238, 536, 848, 892, 894, 903, 975, 1422,
1456, 1578, 1680, 1725, 1728, 1730, 1838, 2131

COWPEA, CALOONA
1800

CRABAPPLE, DOLGO
2090

CRABAPPLE, GARDEN FLOWERING
2094

CRABAPPLE, HOPA
2090

CRABAPPLE, HOPA FLOWERING
2095

CRABAPPLE, RADIANT
595, 2090, 2094

CRABAPPLE, SIBERIAN
2347, 2348

CRANBERRY
374

CRANBERRY, AMERICAN HIGHBUSH
2090

CRANBERRY, EUROPEAN HIGHBUSH
2090

CRANESBILL, SHINING
609

CREOSOTE BUSH
1463, 1763, 1818, 2043

CRESS, GARDEN
1229

CRESS, ROCK
1818

GRESSA
1818

CROOBLE
1800

CUCUMBER
66, 529, 579, 612, 726, 751, 976, 1059, 1060,
1349, 1422, 1543, 1546, 1547, 1549, 1648, 1687,
1728, 1857, 1931, 1935, 1945, 1956, 2026, 2225

CURRENT
343, 1215, 1216

CURRENT, ALPINE
286, 1841, 1842, 2090

CURRENT, AMERICAN BLACK
2090

CURRENT, BLACK
180

CURRENT, EUROPEAN BLACK
286, 2090, 2347

CURRENT, GOLDEN
1659, 2090

CURRENT, RED
180

CURRENT, WHITE
180

CURRENT-TREE, GOLDEN
1142

CYPRESS, ARIZONA
1668

CYPRESS, FALSE
2117

CYPRESS, HINOKI
2117

CYPRESS, SAWARA
2090

CYPRESS, SUMMER
2196

CYPRESS, SUMMER PROSTRATE
642

DACTYLIS
1627

DALEA
1463

DALLIS GRASS
299, 608, 1312

DALO
369

DANDELION
440

DANDELION, COMMON
473

DANDELION, RUSSIA
749

DATE PALM
659, 660, 663, 664, 666, 904, 1084, 1088, 1106,
1428, 1963, 2211

DAYLILY
2340

DAYLILY, DWARF YELLOW
2340

DAYLILY, ORANGE
2340

DEODAR
1668

DESERTGRASS
1908

DESMODIUM, GREENLEAF
1800

DESMODIUM, SILVERLEAF
1800

DEVIL GRASS (SEE BERMUDA GRASS)

DEW PLANT
2159

CHAINOMA
 146, 147, 694, 1098, 1160, 1377, 1822, 2315
 DHAK
 2314
 DIGITALIS
 2012
 DILL
 1985
 DILO
 369
 DOCK
 960
 DOCK, CURLY
 1710, 2196, 2199, 2306
 DODONEA
 229
 DOGTAIL
 473
 DOGWOOD
 330, 343, 450, 1790
 DOGWOOD, BLOODTWIG
 342, 1841
 DOGWOOD, FLOWERING
 451, 1364
 DOGWOOD, RED
 2090
 DOGWOOD, RED-OSIER
 595, 1264, 2090, 2095
 DOGWOOD, SIBERIAN
 2090
 DOGWOOD, YELLOWTWIG
 2090
 DOLICHOS
 1319
 DOLICHOS, RONGAI
 1800
 DRACAENA
 229
 DROPSEED
 1703, 2196
 DUNE GRASS
 1873
 DURRA (SEE SORGHUM)
 DZHUGNARA
 2112
 EDELWEISS, ALPINE
 327
 EGGPLANT
 976, 1084, 1088, 1186, 1324, 1542, 1546, 1547,
 1928, 2131, 2320
 ELDER
 1215, 1216

ELDER, AMERICAN
 1842, 2090
 ELDER, EUROPEAN
 1236, 2090
 ELDER, EUROPEAN RED
 1841, 2090
 ELM
 345, 546, 845, 924, 1142, 1471, 1664, 1842
 ELM, AMERICAN
 654, 910, 922, 1752, 1753, 1949, 2084, 2090,
 2129, 2277
 ELM, BELGIAN
 920
 ELM, CHERRY
 1215, 1216
 ELM, CHINESE
 1088, 2129
 ELM, DUTCH
 724, 1236
 ELM, DWARF
 1222
 ELM, ENGLISH
 724
 ELM, SCOTCH
 724, 1220, 1222, 1841
 ELM, SIBERIAN
 1220, 1222, 1236, 1659, 2090, 2164, 2347, 2349
 ELM, SMOOTH-LEAF
 1220, 1222, 1841
 ELM, WYCH
 724, 2090
 EMMER
 1084, 1088
 ENDIVE
 454, 455, 597, 1254
 EUCALYPTUS
 1077
 EUONYMUS
 229, 1842
 EUONYMUS, EUROPEAN
 2090
 EUONYMUS, WINGED
 1424, 1426, 2090
 FALSE-BROME, CHALK
 609
 FENUGREEK
 814, 2122
 FESCUE
 1519, 1521, 1654
 FESCUE, ALTA (SEE FESCUE, TALL)
 FESCUE, HAIR
 1107

FESCUE, MEADOW
848, 1088, 2343

FESCUE, RED
172, 443, 444, 473, 832, 833, 1107, 1997, 2216,
2343

FESCUE, RED CREEPING
440-442

FESCUE, SHEEP
1997, 2343

FESCUE, TALL
76, 172, 297, 440, 441, 444, 555, 900, 928,
1273, 1279, 1287, 1516, 1517, 1616, 1668, 1762,
2043, 2216, 2282

FETERITA
848

FIG
312, 536, 1186

FILAREE, COARSE-LEAVED
1818

FILAREE, RED-STEMMED
1818

FILBERT
343

FILBERT, EUROPEAN
724, 1236, 1841, 2356

FIR, BALSAM
1751-1753, 2084, 2090

FIR, DOUGLAS
607, 1424, 1426, 2090

FIR, NEEDLE
2021

FIR, SILVER
607, 683

FIR, SOUTHERN BALSAM
445

FLAX
1, 17, 19, 52, 189-191, 193, 530, 612, 848,
880, 1084, 1088, 1226, 1321, 1322, 1377, 1412,
2006, 2012, 2322

FLEABANE
609

FLEUR D'AMOUR
1516

FLEUR-DE-LIS
1710

FLOWER
670

FORAGE CROP
670, 2009

FORAGE PLANT
1776

FORSYTHIA
1364

FORSYTHIA, SPRING GLORY
829

FOXTAIL (SEE CRISTLE GRASS)

FOXTAIL BARLEY (SEE BARLEY, SQUIRRELTAIL)

FOXTAIL MILLET (SEE MILLET, FOXTAIL)

FOXTAIL, MEADOW
2332

FRUIT TREE
507, 568, 670, 2008, 2085

FUCHSIA
1516

GAILLARDIA
1150

GALLETA GRASS
1463

GARBANZO (SEE PEA, CHICK)

GARDENIA
1282, 2291

GARLIC
601, 1984

GERANIUM
899, 1121, 1125, 1362, 1516, 2251

GERBERA
1516

GILIA, BLUE
1818

GINGER
369

GLADIOLUS
1127, 1516

GLASSWORT
54, 101, 102, 122, 291, 612, 633, 634, 961,
1043, 1090, 1133, 1146, 1198, 1436, 1470, 1760,
1943, 1959, 2052, 2073, 2144, 2191, 2192, 2199,
2229, 2248, 2266, 2300, 2312

GLYCINE, TINARCO
1800

GOATSBEARD
961

GOLDEN CHAIN
330

GOLDEN-BELLS
958, 1964

GOLDEN-RAIN TREE
1084, 1088, 1364

GOLDENROD
1818

GOOSEBERRY
180, 343, 508

GOOSEBERRY, CEYLON
423

GOOSEFOOT
1983

GORSE
 1756
 GOURD, SPONGE
 1325, 1577
 GRAIN CROP
 670
 GRAM
 90, 1000
 GRAM (SEE ALSO PEA, CHICK)
 GRAM, BLACK
 258, 1322, 1377, 1574, 1697, 1979, 2246
 GRAM, GOLDEN (SEE BEAN, MUNG)
 GRAM, GREEN (SEE BEAN, MUNG)
 GRAM, RED
 1697
 GRAMA, BLUE
 575, 1368, 1762
 GRAMA, SIDEOATS
 1762
 GRAPE
 61, 62, 75, 139-141, 180, 187, 220, 236, 334,
 397, 477, 500, 513, 514, 517, 552, 563, 596,
 700, 778, 826, 1084, 1111, 1257, 1472, 1592,
 1629-1631, 1726, 1807, 1817, 1843, 2109, 2110,
 2138, 2267, 2304
 GRAPE, FOX
 450
 GRAPE, SULTANA
 1844
 GRAPE, WILD
 2129
 GRAPEFRUIT
 260, 357, 360, 366, 424, 425, 430, 436, 438,
 662, 752, 800, 809, 842, 906, 1390, 1618, 1619,
 1633-1635, 1859, 2279
 GRASS
 6, 551, 670, 701, 704, 1394, 1840, 2007, 2054,
 2085
 GREASEWOOD
 624, 658, 692, 1373, 1753, 1818
 GROUND COVER
 614, 1394
 GROUNDNUT (SEE PEANUT)
 GROUNDSEL
 1956
 GUAR
 682, 1378-1380, 1981, 2230, 2247, 2316
 GUAVA
 423, 782, 2109, 2110
 GUAVA, PINEAPPLE
 213, 229
 GUAYULE
 1750, 2239, 2243

GUINEAGRASS
 7
 GUM
 1075
 GUM, BLUE
 1084
 GUM, DESERT
 1088
 GUM, GRAY
 1084
 GUM, MURRAY RED
 1075
 GUM, RED
 1084, 1088, 1393
 GUM, SOUR
 1440
 GUM, SWEET
 1241, 1516
 GUVAR (SEE GUAR)
 HACKBERRY
 845, 2090, 2129, 2164
 HALOGETON
 813
 HALOPHYTE
 457, 514, 625, 1448, 1494, 1743, 2044
 HARDING GRASS
 1663, 2332
 HAWKBIT
 609
 HAWKBIT, HAIRY
 609
 HAWTHORN
 345, 724, 1841, 1842, 1885
 HAWTHORN, COCKSPUR
 2090
 HAWTHORN, ENGLISH
 1220, 1222, 1841
 HAZEL, AMERICAN
 2090
 HAZEL, BEAKED
 2090
 HAZELNUT
 343
 HAZELNUT, TURKISH
 1220, 1222
 HEDGE CACTUS
 1956
 HEMLOCK
 920, 1191, 1751, 1949, 2259, 2279
 HEMLOCK, CANADIAN
 829, 1664, 1752, 1753, 2277
 HEMLOCK, EASTERN
 2090

HEMP 848, 1718, 1720, 2012
 HERB 1394
 HIBISCUS 229, 1516, 2131
 HICKORY 845
 HICKORY, PIGNUT 920, 922
 HICKORY, SHAGBARK 450, 1949, 2090
 HOLLY, AMERICAN 450
 HOLLY, BURFORD 229
 HONEYSUCKLE 343, 1215, 1216
 HONEYSUCKLE, AMUR 2090
 HONEYSUCKLE, EUROPEAN FLY 342, 1841, 1842, 2090
 HONEYSUCKLE, HALL'S JAPAN 2043
 HONEYSUCKLE, JAPANESE 354, 1424, 1426
 HONEYSUCKLE, SWEETBERRY 2090
 HONEYSUCKLE, TATARIAN 829, 2090, 2120
 HONEYSUCKLE, ZABEL'S 2090
 HOP TREE 330
 HOPSAGE, SPINY 1463
 HORNBEAM, AMERICAN 2090
 HORNBEAM, EUROPEAN 724, 1220, 1222, 1841, 1842
 HORNWORT, JAPANESE 1541, 1544, 1547
 HORSE BEAN (SEE BEAN, BROAD)
 HORSHUM 1668
 HUCKLEBERRY, BLUE 1408
 HUCKLEBERRY, THIN-LEAVED 1408
 HYACINTH 1229
 HYDRANGEA 1516

ICE PLANT 169, 2043, 2300, 2301
 INDIGO BUSH 1463
 IRONWOOD 1949
 IVY, ALGERIAN 229, 1516
 IVY, ENGLISH 502, 1956
 JASMINE, STAR 229
 JOHNSON GRASS 1000, 2043
 JOJOBA 2328
 JOWAR (SEE SOFGHUM)
 JUJUBE 1520
 JUNE BERRY 724
 JUNIPER 663, 1440
 JUNIPER, CREEPING 829
 JUNIPER, HORIZONTAL 2090
 JUNIPER, PFITZLER 595, 819, 2090
 JUNIPER, SHORE 2043
 JUNIPER, SPREADING 212, 219
 JUTE 173
 JUTE, CHINA 1749
 KAFIR 986, 1456
 KALANCHOE 1516
 KALE 172, 325, 454, 455, 1084, 1088, 1249, 1687, 1923
 KALLAR GRASS 978, 1822
 KIKUYU GRASS, WHITTET 1800
 KNAPWOOD, GREATER 609
 KNOTWEED 960, 2196, 2199



KOCHIA 1424, 1425, 2306
 KODON 1377
 KOHLRABI 848, 2322
 LABLAB (SEE BEAN, HYACINTH)
 LADY'S FINGER (SEE OKRA)
 LAMB'S-QUARTERS 960
 LANCEOLATA 1424
 LANTANA 213, 229
 LARCH, EUROPEAN 1020, 2090
 LARCH, JAPANESE 2090
 LARCH, SIBERIAN 705
 LARKSPUR 536
 LAVENDER, SEA 54, 134, 380, 961
 LAWNGRASS, JAPANESE 1517
 LEBDECK TREE 2314
 LEEK 454, 455, 1186, 1963
 LEGUME 670, 2008
 LEICHHARDT 1800
 LEMON 255, 277, 477, 536, 538, 541, 592, 800, 809, 812, 1032, 1084, 1141, 1186, 1509, 1772-1774, 1859, 2267, 2279
 LEMON, ROUGH 589, 662, 800, 906
 LENTIL 238, 466, 467, 848, 1377, 1748, 1749
 LETTUCE 113, 197, 225, 313, 407, 454, 455, 536, 555, 597, 777, 1109, 1186, 1254, 1297, 1341, 1346, 1352, 1354, 1359, 1482, 1507, 1544, 1546, 1547, 1687, 1766-1768, 1857, 1928, 1956, 2022, 2024, 2026, 2054, 2217
 LICORICE 136, 1409, 1488, 1608, 1897
 LILAC 724, 1264, 2090, 2129

LILAC, COMMON 595, 2095
 LILAC, HUNGARIAN 2347
 LILAC, MOUNTAIN 1668
 LILY 369, 1508, 1863
 LILY, EASTER 1131
 LIME 662, 905, 906, 1095, 1756
 LIME, AUSTRALIAN DESERT 2098
 LIME, SWEET 2357
 LINDEN 724, 1124, 1220, 1236
 LINDEN, AMERICAN 2090
 LINDEN, CAUCASIAN 1222
 LINDEN, EUROPEAN 1222
 LINDEN, LARGE LEAVED 2090
 LINDEN, QUEBEC 2277
 LINDEN, SILVER 602, 1222
 LINDEN, SMALL-LEAVED EUROPEAN 602, 1222, 1424, 1426, 1842, 2090
 LINDEN, WHITE 602, 1222
 LINSEED (SEE FLAX)
 LIPPIA, CREEPING 2043
 LOCUST, BLACK 257, 410, 451, 724, 1088, 1220, 1222, 1236, 1364, 1424, 1426, 1668, 1752, 1753, 1949, 2090, 2164, 2347
 LOCUST, HONEY 257, 300, 504, 705, 928, 1088, 1220, 1222, 1424, 1426, 2090, 2164
 LOCUST, HONEY THORNLESS 829, 2090
 LOCUST, IMPERIAL HONEY 2090
 LOQUAT 423
 LOTUS, HAIRY 1818



LOVEGRASS. LEHMANN
1668. 1805
LOVEGRASS. SAND
1368. 1762
LOVEGRASS. WEEPING
1668. 1805
LOVEGRASS. WILMAN
1668. 1805
LUCERNE (SEE ALFALFA)
LUPINE
317. 447. 530. 536. 986. 1778. 2012. 2176.
2225. 2349
LUPINE. BLUE
1777
LUPINE. WHITE
1014. 1086. 1087. 1788. 1791
LUPINE. YELLOW
82. 683
LYME GRASS (SEE WILDRYE)
LYME GRASS. SEA
164
MADDER. FIELD
609
MADUA (SEE MILLET. AFRICAN)
MAHONIA
1136
MAIDENHAIR TREE
958
MAIZE (SEE CORN)
MALLOW
1627. 1818
MANDARIN
433. 662. 752. 800. 905. 1302. 1406
MANDARIN. CLEOPATRA
2098
MANGEL
1088
MANGO
369. 423. 425. 1022. 1057
MANGOLD
1405. 1638
MANGROVE
99. 1369. 1696. 1869. 2042
MAPLE
330. 780. 924. 1174. 1215. 1216. 1664. 1754.
1790
MAPLE. AMUR
2090. 2347
MAPLE. HEDGE
724. 1236. 1841. 1842
MAPLE. MANITOBA
1264

MAPLE. NORWAY
654. 1220. 1222. 1264. 1751-1753. 1842. 2090.
2129. 2261. 2356
MAPLE. RED
450. 920. 1137. 1364. 1752. 1753. 1949. 2090
MAPLE. SILVER
1220. 1222. 2090. 2129. 2345
MAPLE. SUGAR
151. 350-353. 798. 822. 829. 919. 920. 922.
923. 915. 926. 1100. 1137. 1173. 1264. 1751-
1754. 1948. 1949. 2084. 2090. 2129. 2277. 2279.
2280
MAPLE. SYCAMORE
724. 1220. 1222. 1236. 1841
MAPLE. TATARIAN
2090
MAPLE. WHITE
1222
MARIGOLD
1516. 1956
MARIGOLD. POI
2251
MYRJORAM
609
MASOOR (SEE LENTIL)
MATRIMONY VINE
2090
MATRIMONY VINE. CHINESE
2090
MEDIC
765. 2149
MEDIC. CYPRESS BARREL
1800
MEDIC. JEMALONG BARREL
1800
MEDIC. SNAIL
1800
MEDIC. STAND
1800
MEDUSAHEAD
2322
MELON (SEE MUSKMELON OR WATERMELON)
MESQUITE
359. 1763. 1818. 2043. 2014
METASEQUOIA
1814
MILES
1800
MILLET
605. 766. 848. 933. 934. 986. 1000. 1322. 1356.
1519. 1521. 1718. 2063. 2225. 2320

MILLET, AFRICAN
1063, 1065, 1167, 1304, 1318, 1328, 1377, 1430,
1697, 1698, 1711, 1729, 1730, 1839, 2003, 2173,
2222

MILLET, BROOMCORN
1084, 1088, 1115, 1431, 1724

MILLET, FOXTAIL
1084, 1088, 1115, 1431, 1589, 1728, 1730-1732

MILLET, INDIAN (SEE MILLET, PEARL)

MILLET, ITALIAN (SEE MILLET, FOXTAIL)

MILLET, PEARL
14, 20, 485, 682, 931, 997, 1162, 1164, 1321,
1328, 1377-1380, 1601, 1663, 1697, 1824, 1976,
1988

MILO (SEE SORGHUM)

MIMULUS, TOBACCO
1818

MOLLY, DESERT
406

MOONG (SEE BEAN, MUNG)

MORNING-GLORY, BEACH
170

MOSS ROSE
1425

MULBERRY
180, 845, 928, 1215, 1216, 1471, 1520

MULBERRY, BLACK
724

MULBERRY, RED
2129

MULBERRY, RUSSIAN
1088

MULBERRY, WHITE
1471, 1664, 2090, 2347, 2348

MULGA
1393

MULLEIN, GREAT
609

MUNG BEAN (SEE BEAN, MUNG)

MUSKMELON
536, 579, 612, 726, 848, 984, 1186, 1353, 1359,
1404, 1422, 1433, 1516, 1653, 1694, 1766, 1945,
1946, 1961

MUSTARD
530, 536, 1115, 1321, 1452, 1482, 1627, 1642,
1687, 1921, 1923, 1975, 1977

MUSTARD, FIELD
74

MUSTARD, LEAF
74

MUSTARD, YELLOW
1377

MYRTLE, MANCHURIAN
939

MYRTLE, WAX
2273, 2274

NAPA THISTLE
1818

NATIVE VEGETATION
505, 524, 629, 658, 670, 1448, 1537, 1596,
1747, 1748, 1775, 1776, 1787, 1825, 1869, 1901,
1960, 2039, 2085

NETTLE
1710

NETTLE, DWARF
1710

NIEVITAS
1818

NINEBARK, DWARF
2090

OAK
57, 330, 343, 607, 780, 924, 1142, 1157, 1355,
1664, 1842, 1957, 2164, 2279

OAK, BLACK
920, 922, 1790

OAK, BUR
845, 2090

OAK, CHESTNUT
780, 1364

OAK, COMMON PIN
2090

OAK, ENGLISH
705, 724, 1217, 1220, 1222, 1236, 1756

OAK, HOLM
1756

OAK, INTERIOR LIVE
1668

OAK, LIVE
2273, 2274

OAK, RED
845, 1752, 1753, 1949, 2084, 2090

OAK, SCARLET
257

OAK, SPANISH
1222

OAK, SWAMP WHITE
2090

OAK, TURKEY
257, 1756, 2274

OAK, WHITE
920, 922, 926, 1753, 1790, 1949, 2090

OAK, WILLOW
450

OAK, YELLOW CHESTNUT
2090

OAT GRASS, TALL

1084, 1086, 2343

OATS

84, 150, 162, 189-191, 193, 332, 335, 466, 467,
481, 512, 536, 658, 846-848, 857, 986, 987,
1084, 1087, 1088, 1115, 1192, 1225, 1260, 1297,
1303, 1318, 1323, 1336, 1377, 1403, 1405, 1452,
1477, 1616, 1687, 1694, 1717, 1725, 1728, 1804,
1812, 1813, 1845, 1961, 2045, 2053, 2149, 2220,
2281, 2321, 2322

OCOTILLO

649, 650

OKRA

56, 147, 1105, 1319, 1325, 1432, 1577, 1713-
1715, 1978

OLEANDER

213, 229, 958, 1084, 1083

OLEASTER

1841, 1886, 2347, 2348

OLEASTER, THORNY

958

OLIVE

8, 70, 258, 324, 477, 1146, 1186, 1568, 1779,
1961, 2109, 2110

OLIVE, RUSSIAN

1088, 1424, 1426, 2090

OLIVE, WILD

1520

ONION

107, 127, 161, 176, 190, 216, 225, 334, 536,
555, 676, 681, 682, 848, 907, 984, 1084, 1186,
1276, 1297, 1300, 1345, 1359, 1422, 1482, 1544,
1546, 1547, 1626, 1687, 1766, 1768, 1928, 1931,
1943, 1945, 1961, 2048-2050, 2322

ONION, WELSH

974, 1547, 1548

ONION-COUCH

1627

ORANGE

270, 378, 424, 453, 456, 477, 487, 541, 555,
806, 809, 841-843, 874, 897, 905, 1084, 1186,
1302, 1341, 1346, 1454, 1634, 1738, 1740, 1859,
1896, 2086, 2279, 2323

ORANGE, BITTER

2322

ORANGE, BITTER SWEET

2098

ORANGE, CHINESE BOX

2098

ORANGE, MOCK

330

ORANGE, MOCK SWEET

2090

ORANGE, NAVEL

775, 1406

ORANGE, SOUR

433, 418, 662, 665, 752, 800, 1003, 1406, 2098,
2353, 2357

ORANGE, SWEET

237, 685, 800

ORANGE, TRIFOLIATE

589, 662, 800, 905, 906, 1302

ORCHARD GRASS

848, 900, 1088, 1273, 1519, 1521, 2242, 2343

ORNITHOPUS

82

OSIER

345, 2090

OSIER, PURPLE

2090

OSIER, PURPLE DWARF

2090

OXALIS

536

PAGODA TREE, JAPANESE

780, 1220, 1222, 2164

PAK-CHOI

974, 1540, 1541, 1546, 1547, 1928

PALESTINE GRASS

1668

PALM

1084

PALM, CANARY ISLAND

1084, 1088

PALM, CHINESE FAN

1363

PALM, WASHINGTON

1084, 1088

PALO VERDE

1668

PALO VERDE, GIANT CACTUS

1818

PANGOLA GRASS

1575, 1800

PANIC GRASS

487

PANIC GRASS, BLUE

7, 701, 704, 1805, 2043

PANIC GRASS, GIANT

6

PANIC GRASS, PETRI GREEN

1800

Panicum

7

PANSY

536

PEPAYA 417, 425, 431, 1296
 PAPRIKA 1573
 PARA GRASS 146-148
 PARSLEY 536, 1546, 1928
 PARSNIP 2153
 PASPALUM 1800
 PASPALUM, SEASHORE 336, 338, 779, 1315, 1405
 PEA 82, 85, 102, 165, 189-191, 193, 238, 317, 447, 452, 466, 467, 481, 497, 536, 585, 608, 631-633, 672, 681, 717, 789, 790, 846, 847, 864-868, 986, 987, 1005, 1007, 1021, 1040, 1041, 1043-1045, 1061, 1062, 1080, 1084, 1088, 1122, 1229, 1238, 1243, 1303, 1334, 1377-1380, 1422, 1435, 1436, 1452, 1482, 1486, 1538, 1573, 1626, 1627, 1657, 1665, 1669-1674, 1687, 1700, 1701, 1728, 1778, 1788, 1791, 1803, 1879, 1944, 1961, 1987, 2045, 2053, 2068, 2079, 2080, 2082, 2126, 2133, 2149, 2182, 2186, 2187, 2202, 2204-2209, 2225, 2264, 2269, 2271, 2322, 2340, 2341
 PEA, AUSTRIAN WINTER 1777
 PEA, CHICK 85, 147, 160, 238, 240-243, 245-249, 466, 467, 903, 1104, 1377, 1826, 1827, 1829, 1832, 1833, 1835, 1836, 2176
 PEA, CHICK (SEE ALSO GRAM)
 PEA, SWEET 535, 2284
 PEA-TREE 724, 1841
 PEA-TREE, SIBERIAN 2090
 PEACH 219, 236, 324, 500, 536, 809, 834, 835, 837, 877, 878, 920, 988, 1084, 1234, 1258, 1345, 1346, 1520, 1650, 2245, 2267, 2303
 PEANUT 52, 53, 369, 734-748, 892, 894, 1000, 1705, 1735, 1777, 1894, 2152
 PEAR 180, 236, 345, 835, 1108, 1215, 1216, 1520, 2129
 PEAR, PRICKLY 457

PECAN 274, 504, 809, 845, 2029
 PENSTEMON 1150, 1818
 PEPEROMIA 1362
 PEPPER 176, 203, 557, 582, 597, 726, 727, 751, 976, 984, 1012, 1013, 1186, 1276, 1319, 1388, 1482, 1543, 1546, 1547, 1687, 1816, 1928, 1944, 1945, 1961, 2025, 2317, 2320
 PEPPER, BELL 198, 119, 222, 223
 PEPPER, LONG 1103
 PEPPER, PERUVIAN 1668
 PEPPER, RED 536
 PEPPER-TREE, CALIFORNIA 235, 1166
 PERILLA 2065
 PERSIMMON 536, 760, 845, 1520
 PETUNIA 1150, 1362, 1424, 1425, 1736
 PHILODENDRON 1362
 PHLOX 1150
 PICKLEWEED 658, 1763, 1818, 1959
 PICEON GRASS (SEE BRISTLE GRASS)
 PICWEED 101, 900, 1983, 2306
 PILEA 1352
 PIMENTO 475
 PINE 57, 924, 1020, 1215, 1216, 1350, 1392, 1756, 1886, 1330
 PINE, ALLEPPU 1668
 PINE, AUSTRALIAN (SEE BEEFWOOD)
 PINE, AUSTRIAN 181, 471, 549, 595, 820, 917, 1264, 1440, 2037, 2090, 2259
 PINE, BISHOP 550
 PINE, CLUSTER 550, 1241

PINE. CORNICAN
550

PINE. EASTERN WHITE
1364, 1752, 1964

PINE. ELDER
790

PINE. JAPANESE BLACK
181, 928, 981, 1058, 1439, 2021, 2330

PINE. JAPANESE RED
981, 2021, 2117, 2330

PINE. JAPANESE UMBRELLA
1440

PINE. KOREAN
2021

PINE. LOBLOLLY
450, 1187, 1241, 2274

PINE. LODGEPOLE
1408

PINE. MARITIME
550

PINE. MONTEREY
1347, 1348, 2005, 2305

PINE. MUGO
917, 2090

PINE. PITCH
181, 257, 1440, 2259

PINE. POND
1241

PINE. PONDEROSA
1203, 1424, 1426, 2030, 2037, 2038, 2090

PINE. RED
471, 820, 1440, 1473, 1751-1753, 1949, 2051, 2090, 2093, 2259

PINE. SCOTS
445, 468, 471, 607, 683, 820, 917, 1015, 1020, 1152, 1440, 1689, 1886, 1964, 2090, 2221, 2259

PINE. SLASH
1187, 1241

PINE. SWISS STONE
2090

PINE. VIRGINIA
450, 451, 1241

PINE. WHITE
181, 300, 445, 471, 607, 820, 821, 829, 917, 920, 922, 926, 1137, 1263, 1264, 1439, 1751, 1753, 1949, 2010, 2011, 2051, 2090, 2259, 2279

PINEAPPLE
1953-1955, 2262

PINK
1424, 1425

PINK. CALIFORNIA INDIAN
1818

PISTACHIO
1520, 1595

PITTOSPORUM
213, 219

PLANE TREE
1222

PLANE TREE. EUROPEAN
780, 1084, 1088

PLANE TREE. LONDON
724, 1220, 1236

PLANE TREE. ORIENTAL
959

PLANTAIN
960, 961, 1661, 1970, 2229, 2272

PLANTAIN. COMMON
440, 473

PLANTAIN. WATER
1661

PLUM
180, 219, 236, 324, 555, 780, 834-836, 1084, 1434, 1437, 1520, 2002, 2245

PLUM. JAPANESE
834, 1234

PLUM. NATAL
229, 413

POINSETTIA
1128, 1362, 2251

POMEGRANATE
1084, 1088, 1186, 1520, 1961

POMELO
662, 810, 809

POMELO. SIAMESE
1427

POPLAR
330, 343, 501, 724, 1215, 1216, 1222, 1258, 1471, 1659, 1664, 1756

POPLAR. BALSAM
1220, 2090

POPLAR. BLACK
1659, 2090, 2348

POPLAR. CAROLINA
724

POPLAR. GRAY
2090

POPLAR. ITALIAN
345

POPLAR. LOMBARDY
450, 724, 928, 1236, 2090

POPLAR. PYRAMID
780, 247

POPLAR. TULIP
829

POPLAR, WESTERN BALSAM
 2090
 POPLAR, WHITE
 345, 724, 928, 1236, 1659, 2090
 POPPY, CALIFORNIA
 536
 PORTULACA
 1424
 POTATO
 82, 171, 172, 174, 175, 189-191, 193, 218, 276,
 278, 320, 334, 439, 454, 455, 529, 536, 681,
 1084, 1088, 1186, 1206, 1207, 1297, 1478, 1687,
 1728, 1792, 1854, 1961, 1965-1967, 1996, 2012,
 2153, 2281
 POTATO, SWEET
 772, 1084, 1088, 1223, 2131
 POTENTILLA, JACKMAN'S
 2090
 PRIMROSE
 1818, 2251
 PRIMULA
 1362, 2251
 PRIVET
 330, 724, 1236, 1841, 1842, 2090, 2129
 PRIVET, AMUR
 829, 1264
 PRIVET, CALIFORNIA
 928, 2277
 PRIVET, TEXAS
 213, 229
 PRIVET, WAX-LEAF
 958
 PROSO
 1088
 PRUNE
 219, 236, 324, 477, 542, 836, 2245, 2267, 2303
 PUCCINELLA
 1374
 PUMPKIN
 713, 2015, 2017, 2019, 2020
 PURSLANE
 454, 455
 PYRACANTHA
 213, 229
 QUACK GRASS
 54, 961, 1654
 QUINCE
 780
 QUINCE, JAPANESE DWARF
 330
 RABBIT FOOT GRASS
 1961

RADISH
 454, 455, 529, 536, 848, 860, 861, 1109, 1186,
 1301, 1319, 1341, 1345, 1346, 1482, 1486, 1489,
 1545-1547, 1600, 1687, 1853, 1856, 1963, 2053,
 2153
 RADISH, BLACK
 1856
 RAGI (SEE MILLET, AFRICAN)
 RAGWORT
 1710
 RAPE
 481, 608, 848, 1084, 1088, 1788, 1791, 2322
 RASPBERRY
 553, 1520
 RASPBERRY, RED
 2347, 2348
 RATTLEBOX
 7
 RAYA
 1975
 RED-RIBBON
 1818
 REDBUD
 829
 REDTOP
 757, 961, 1088, 1107
 REED
 54, 961, 1959
 REED, COMMON
 64, 658
 RHODES GRASS
 6, 7, 299, 344, 698, 701, 704, 730, 781, 1088,
 1947, 2052, 2053
 RHODES GRASS, PIONEER
 1800
 RHODODENDRON
 1136



RICE

35, 36, 43-49, 55, 59, 60, 69, 78, 80, 154,
 155, 250, 252-254, 370, 372, 373, 379, 395,
 459, 464-467, 469, 470, 478, 482, 489, 531,
 558-560, 603, 647, 648, 657, 714, 722, 823,
 824, 859, 886, 956, 957, 962-973, 989-996,
 1000, 1008, 1010, 1011, 1023, 1035, 1046, 1048-
 1050, 1052, 1053, 1069, 1071, 1078, 1082, 1084,
 1116, 1123, 1134, 1149, 1164, 1219, 1246, 1259,
 1305, 1321, 1322, 1327, 1377, 1396-1398, 1402,
 1410, 1416, 1422, 1452, 1457-1459, 1461, 1468,
 1525, 1527-1530, 1559, 1561, 1562, 1564, 1565,
 1569-1572, 1575, 1581, 1584-1587, 1591, 1601,
 1603, 1607, 1610-1612, 1614-1617, 1622, 1628,
 1645, 1646, 1692, 1697, 1706-1708, 1712, 1716,
 1746, 1758, 1808, 1815, 1907, 1926, 1927, 1930,
 1933-1939, 1956, 1960, 1989, 1993, 1994, 2004,
 2033, 2056, 2083, 2089, 2104-2108, 2111, 2116,
 2149, 2163, 2168, 2213, 2215, 2224, 2246, 2318,
 2319, 2329

RICEGRASS, INDIAN

1463

ROCKROSE, PURPLE

1668

ROSE

89, 204, 213, 229, 724, 829, 936-938, 1362,
 1516, 1667, 1841, 2324

ROSE, DOG

330, 1841, 2090

ROSE, FENDLER WOODS

2043

ROSE, MULTIFLORA

1424, 1426, 2090

ROSE, RUGOSA

2090

ROSE, WILD

1842

ROSEBAY, MOUNTAIN

1136

ROSELLS

572

ROSEMARY

229

RUPPIA

293

RUSH

1785, 1787, 1959, 2248

RUSH, HARD

609

RUSH, MUD

380

RUSH, TOAD

1785

RYE

82, 191, 325, 327, 331, 332, 575, 608, 797,
 838, 848, 1084, 1088, 1303, 1333, 1405, 1687,
 1709, 1759, 1845, 1865, 1956, 2043, 2045, 2074,
 2264, 2281, 2332

RYE, PERENNIAL

549

RYE, WINTER

1877

RYEGRASS

142, 400, 475, 608, 1359, 1519, 1521, 1627,
 2115, 2342

RYEGRASS, CURLY

779, 1105

RYEGRASS, ENGLISH

255, 1100, 2161

RYEGRASS, ITALIAN

444, 848, 1084, 1088, 1746, 1932, 1935, 2332,
 2343

RYEGRASS, PERENNIAL

172, 346, 441-444, 473, 658, 848, 940, 1516,
 1517, 1997, 2161, 2332, 2343

RYEGRASS, WIMMERA

339, 618, 1405, 1668

SACATON

2043

SAFFLOWER

1, 52, 142, 643, 645, 720, 999, 1164, 1165,
 1359, 1975, 2276, 2326, 2327

SAGE

1878

SAGE, DESERT

1818

SAGE, SALT

658

SAGE, SONOMA

1668

SAGEBRUSH

54, 624, 692, 1090, 1763, 2272

SAGEBRUSH, BUD

1463

SAINTOIN

1303, 2210

SALLOW

1756

SALT CEDAR (SEE TAMARISK)

SALT TREE

2090

SALT TREE, SIBERIAN

2043

SALTBUSH

54, 272, 273, 280, 316, 359, 384-387, 487, 539,
582, 621, 658, 677, 678, 768, 1070, 1088, 1090,
1118, 1445-1447, 1553, 1661, 1696, 1814, 1818,
1959, 2007, 2039, 2052, 2196, 2199, 2254, 2255,
2312

SALTBUSH, ALLSCALE

1668

SALTBUSH, AUSTRALIAN

1313

SALTBUSH, CREEPING

779, 1405

SALTBUSH, DESERT

1668, 1763

SALTBUSH, FOURWING

1463, 1668, 1763, 2032

SALTBUSH, NUTTALL

692

SALTBUSH, OLD MAN

488

SALTBUSH, QUAILBUSH

1668

SALTBUSH, TRAILING

488

SALTGRASS

38, 169, 457, 525-527, 658, 839, 1287, 1818,
2043, 2196, 2199

SALTGRASS, DESERT

347, 658, 1084, 1088, 2144

SALTGRASS, DWARF

2199

SALTGRASS, MEDITERRANEAN

2043

SALTGRASS, PERENNIAL

1317

SALTGRASS, SEASHORE

64

SALTWORT

1818

SAMPHIRE

1763, 1959

SAMPHIRE, BUSH

1818

SAMPHIRE, DWARF

1818

SAMPHIRE, RED

653

SANAI (SEE SUNN HEMP)

SANDPAPER PLANT

1818

SANSEVIERIA

1362

SAPOTE, WHITE

423, 425

SASSAFRAS

450, 451

SAVIN

1886

SAWBRIER

354

SCRATCHGRASS

658

SEA BLITE

54, 122, 290, 621, 631, 632, 961, 1101, 1818,
1959, 2192, 2196, 2197, 2199, 2248, 2293, 2312

SEA BLITE, SHALBY

380

SEA ELDER

2274

SEA GRAPE

1393

SEA MILKWORT

265, 910, 1784

SEA CATS

658, 1870, 2273, 2274

SEA POA

380

SEA PURSLANE

2196

SEA ROCKET

168, 170

SEA SAGE

1393

SEAGRASS

1369

SEEP WEED (SEE SEA BLITE)

SEM

1319

SENGI

1745

SENNA, ALEXANDRIAN

120

SERICEA

1777

SERVICEBERRY

724, 2150

SISAML

371, 1105, 1163, 1164, 1322, 2338, 2339

SISLERIA, BLUE

609

SLTARIA, NANDI

1800

SHADDOCK

800

SHADSCALE

624, 658, 692, 1463, 1763

SHE OAK (SEE BEEFWOOD)

SHRUB

429, 614, 625, 670, 671, 1394, 1401, 1623,
1781

SILK TREE

1364

SILT GRASS

1438

SILVERBERRY

229

SILVERWEED

961

SIRATRO

1800

SISSOO

2314

SLOE

724

SMARTWEED

2196

SMILOGRASS

7, 1668

SNAPDRAGON

1424, 1425, 1667, 1813

SNOWBERRY

1841, 2090

SNOWBERRY.. GARDEN

2090

SOAP PLANT

1818

SORGHUM

14, 35, 142, 143, 167, 255, 328, 334, 466, 467,
535-538, 540, 543, 684, 688, 848, 888, 954,
986, 987, 999, 1065, 1084, 1087, 1088, 1133,
1185, 1238, 1289, 1320, 1321, 1359, 1377, 1575,
1601, 1602, 1606, 1627, 1687, 1697, 1721, 1766,
1864, 1976, 2073, 2123, 2128, 2212, 2285, 2320

SOYBEAN

11, 12, 73, 231, 238, 327, 412, 499, 529, 1123,
1212, 1295, 1337, 1338, 1403, 1451, 1497, 1522,
1589, 1627, 1723, 1777, 1788, 1791, 1874, 1880,
1917, 2034, 2035, 2133, 2155, 2315

SPINACH

41, 176, 454, 455, 555, 597, 1026, 1084, 1088,
1189, 1207, 1224, 1276, 1297, 1319, 1354, 1403,
1482, 1541, 1544, 1546-1548, 1550, 1551, 1686,
1687, 1856, 1928, 1931, 1935, 2026

SPINDLE TREE

2117

SPIRAEA

330, 829, 1424, 1426, 2129

SPIRAEA, FROEBEL'S

2090

SPIRAEA, VANHOUTTE'S

2090

SPRANGLETOP

2196

SPRUCE

2040, 2275

SPRUCE, BLACK HILLS WHITE

2090

SPRUCE, BLUE

1424, 1426

SPRUCE, COLORADO BLUE

1440, 2090, 2259

SPRUCE, NORWAY

607, 683, 829, 1015, 2090, 2157, 2158

SPRUCE, SITKA

550

SPRUCE, WHITE

445, 550, 2084, 2090

SPURGE

1956

SPURRY, CORN

2192

SPURRY, SAND

2191

SQUASH

579, 1186, 1295, 1422, 1687, 1961, 2016

SQUAWBUSH

1424, 1426

SQUINANCYWORT

609

SQUIRRELTAIL BARLEY (BARLEY, SQUIRRELTAIL)

ST AUGUSTINE GRASS

1675

ST JOHN'S WORT

609

STAR GRASS

1190

STOCK

1516

STOCK, VIRGINIAN

1757

STRAWBERRY

321, 454, 455, 536, 554, 556, 911, 974, 1186,
1205, 1244, 1351, 1543, 1546, 1547, 1687, 1928,
1963

STYLO, COMMERCIAL TOWNSVILLE

1800

STYLO, TOWNSVILLE

1030

SUAEDA

1719

SUDAN GRASS

76, 167, 297, 475, 848, 1000, 1303, 1654, 2043, 2112

SUGARCANE

84, 89, 91, 149, 227, 228, 283, 294, 369, 460, 490, 545, 568, 569, 636, 637, 941, 998, 1160, 1175, 1231, 1242, 1375, 1460, 1590, 1651, 1761, 1769, 1782, 1914, 1915, 2099, 2100, 2124, 2223, 2263

SUMAC

1841

SUMAC, ILL SCENTED

2090

SUMAC, SMOOTH

450, 2090

SUNFLOWER

52, 95, 251, 326, 401, 544, 673, 699, 706, 719, 755, 893, 980, 1073, 1198, 1303, 1333, 1357, 1450, 1511, 1513, 1518, 1573, 1604, 1627, 1694, 1697, 1728, 1801, 1860, 1861, 1893, 1910, 2003, 2013, 2074, 2225, 2350, 2352

SUNFLOWER, WOOLY

1818

SUNN HEMP

1377, 2247, 2313, 2315

SYCAMORE

1756

TALLOW TREE, CHINESE

2164

TAMARISK

1067, 1068, 1084, 1117, 1142, 1215, 1216, 1312, 1424, 1426, 1664, 1886, 2043, 2196, 2248, 2347

TAMARISK, CHINESE

2164

TAMARISK, FIVESTAMEN

2090

TAMARISK, FRENCH

724, 1236

TANGELO

800

TANGEPINE

662, 1095

TAPIOCA

1002

TARAMIRA

1975

TARO

2131

TETRABLEND 333

1668

THORN, JERUSALEM

1668

THORN, WOLEBERRY

93

THORNS

1756

THREE SQUARE

2196

TIMOTHY

172, 444, 783, 848, 900, 1088, 1519, 1521, 1813, 2343

TOBACCO

81, 82, 185, 186, 536, 682, 685, 786-788, 980, 1133, 1166, 1184, 1320, 1322, 1367, 1376, 1378-1380, 1403, 1419-1421, 1621, 1650, 1687, 1929, 1935, 1971, 2223, 2268

TOMATILLO

2043

TOMATO

83, 92, 100, 131, 142, 176, 233, 255, 262, 288, 295, 314, 407, 408, 416, 475, 528, 536-538, 540, 583, 555, 581, 590, 596, 597, 599, 619, 626, 681, 726, 751, 817, 875, 876, 893, 898, 899, 976, 983, 998, 1029, 1042, 1043, 1059, 1120, 1138, 1186, 1199, 1248, 1254, 1259, 1270, 1276, 1290, 1295, 1297, 1319, 1344, 1346, 1356, 1359, 1371, 1372, 1378-1380, 1462, 1482, 1513, 1516, 1518, 1543, 1546, 1547, 1549, 1626, 1662, 1666, 1687, 1697, 1730, 1798, 1799, 1814, 1850, 1857, 1862, 1885, 1893, 1895, 1928, 1929, 1935, 1944, 1945, 1961, 2001, 2018, 2023, 2024, 2026, 2052, 2053, 2063, 2069, 2075, 2118-2121, 2142, 2143, 2162, 2225, 2251, 2252, 2320, 2341

TORIA

1319

TRAVELER'S JOY

2090

TREE

429, 503, 547, 548, 614, 625, 670, 671, 1394, 1401, 1623, 1781, 1795, 1841, 2008, 2085

TREE-OF-HEAVEN

257, 1220, 2129, 2164

TREFOIL, BIG

106

TREFOIL, BIRD'S-FOOT

82, 106, 1000, 2343

TULE

961, 1061, 2196

TULIP

1649

TULIP TREE

920, 1440, 1754

TURNIP

332, 334, 536, 681, 848, 1186, 1249, 1482, 1545-1548, 1550, 1633, 1687, 1928

TUSsock GRASS
1818
TUSsock GRASS. PERENNIAL
1312
TYPHA
1370
URD (SEE GRAM. BLACK)
UROCHLOA
1800
VALLISNERIA
2014
VARNISH TREE
1364
VEGETABLE.
507, 508, 670, 680, 716, 2008, 2085
VELDTGRASS. PERENNIAL
1668
VERBENA
1150
VERBENA. SAND
170
VERNAL GRASS. SWEET
1107
VETCH
447, 530, 536, 961, 986, 1088, 1254, 1303,
1345, 1730, 1777, 1778, 1879, 2264, 2322
VETCH. BIRD
1749
VETCH. BITTER
1748
VETCH. HAIRY
848, 1084, 1088
VETCH. SCARLET
1084, 1088
VIBURNUM
213, 229, 1842
VINE
614, 670, 1394
VIOLET
536
VIOLET. AFRICAN
1129, 1362
VIRGINIA CREEPER
2090
WALNUT
180, 537, 809, 845, 926, 1092, 1520, 1739
WALNUT. BLACK
234, 780, 1220, 1424, 1426, 2090
WALNUT. ENGLISH
724, 1084, 1859, 2164
WATER BUSH
2274

WATERLEAF
1749
WATERMELON
475, 1159, 1422, 1433, 1652, 1788, 1791
WAXBERRY
2090
WAYFARING TREE
2090
WEIGELA. RED FLOWERED
829
WHEAT
1, 19, 22, 26-28, 35, 51, 82, 84, 87, 89, 98,
110, 125, 126, 128, 133, 135, 137, 138, 147,
148, 152, 153, 156-158, 162, 166, 189-191, 225,
239-244, 255, 314, 326, 329, 331-334, 388, 390,
391, 415, 447, 461, 462, 466, 467, 486, 496,
512, 530, 533, 538, 539, 565, 566, 570, 577,
578, 584, 587, 588, 598, 605, 606, 608, 612,
623, 655, 711, 714, 721, 784, 785, 791, 795,
838, 846-848, 857, 858, 882, 909, 951, 955,
986, 997, 1004, 1006, 1006, 1006, 1037, 1039, 1048,
1084, 1087, 1088, 1094, 1099, 1102, 1105, 1115,
1123, 1139, 1145, 1146, 1164, 1186, 1208, 1209,
1238, 1254, 1260, 1261, 1301, 1303, 1321-1323,
1329, 1332, 1333, 1336, 1359, 1377, 1399, 1405,
1417, 1418, 1422, 1442-1444, 1452, 1467, 1469,
1474, 1524, 1526-1529, 1531, 1532, 1538, 1554-
1558, 1560, 1563, 1567, 1574, 1580, 1582, 1601,
1603, 1605, 1615, 1644, 1647, 1650, 1654, 1663,
1682-1684, 1687, 1718, 1720, 1721, 1728, 1733,
1788, 1791, 1798, 1801, 1823, 1826-1832, 1834-
1837, 1845, 1851, 1852, 1854, 1865, 1875-1877,
1882, 1904-1906, 1913, 1943, 1951, 1961, 1972-
1974, 1982, 1987, 1992, 1998, 1999, 2045, 2046,
2053, 2101, 2115, 2123, 2125, 2126, 2149-2151,
2153, 2165, 2166, 2171-2175, 2177-2187, 2203,
2214, 2219, 2220, 2225, 2226, 2231, 2246, 2247,
2302, 2321, 2322, 2335, 2336
WHEAT. DURUM
1254
WHEATGRASS
184, 487, 495, 1000, 1668, 1868
WHEATGRASS. BEARDLESS
1368
WHEATGRASS. CRESTED
76, 340, 493, 494, 638, 940, 1088, 1368, 1519,
1521, 1792, 2332
WHEATGRASS. DEERT
813
WHEATGRASS. INTERMEDIATE
591, 618, 942, 1368, 1690, 1762, 2148, 2332
WHEATGRASS. PUFESCENT
1368, 1668, 2332

WHEATGRASS, SALT
1312
WHEATGRASS, SIBERIAN
2332
WHEATGRASS, SLENDER
448, 638, 658, 1088, 1115, 1365, 1366, 1722,
1762
WHEATGRASS, STREAMBANK
2332
WHEATGRASS, TALL
367, 458, 591, 627, 638, 658, 770, 825, 1088,
1365, 1366, 1374, 1616, 1626, 1696, 1722, 1749,
1764, 1855, 1858, 2148, 2279, 2342
WHEATGRASS, WESTERN
346, 638, 658, 940, 1084, 1088, 1762, 2196,
2199
WHISPERING BELLS
1818
WIDGEON GRASS
1360 1361
WILD RYE
1668
WILD RYE, ALTAI
1365, 1366
WILD RYE, BEARDLESS
940
WILD RYE, CANADIAN
638
WILD RYE, RUSSIAN
638, 1365, 1366, 1368, 1583, 1722, 1762, 2332
WILLOW
343, 501, 724, 845, 1659, 1756, 1886, 2043
WILLOW, ALMOND LEAVED
2090
WILLOW, ARCTIC BLUE
1424, 1426
WILLOW, BABYLONIAN
1471
WILLOW, GOAT
1841, 2090
WILLOW, GOLDEN
1424, 1426, 2090
WILLOW, LAUREL LEAF
2090, 2095
WILLOW, WEEPING
1215, 1216
WILLOW, WEEPING GOLDEN
1264
WILLOW, WHITE
724, 1236, 2090
WINTER FAT
405, 692, 1463, 2307

WIRE GRASS
2274
WITCH-HAZEL
1364
WOUNDWORT
1889
XYLOSMA
213, 229
YARROW
1710
YAUPON
2273, 2274
YELLOW WEED
609
YELLOW-WORT
609
YEW
683
YEW, SOUTHERN
959
YUCCA
1393, 1463, 1818
ZINNIA
536, 1150, 1424, 1425
ZOYSIA
2282



MASTER INDEX

ABELMOSCHUS ESCULENTUS
1325, 1577, 1713-1715, 1978

ABIES ALBA
607, 683

ABIES BALSAMEA
1751-1753, 2084, 2092

ABIES FRASERI
445

ABIES HOLOPHYLLA
2021

ABIES PECTINATA
683

ABRONIA LATIFOLIA
170

ABRONIA MARITIMA
170

ABUTILON AVICENNAE
1749

ACACIA
671, 705, 780, 1142, 1215, 1216, 1471

ACACIA ANEURA
1393

ACACIA ARABIC
2314

ACACIA CYCLOPIS
42, 1255

ACACIA GRAFFIANA
1668

ACACIA HARPOPHYLLA
686

ACACIA PULCHELLA
42

ACACIA SOPHORAE
1255

ACAENA ADSCENDENS
943

ACANTHUS ILICIFOLIUS
1869

ACER
671, 780, 924, 1174, 1215, 1216, 1664, 1754, 1790

ACER CAMPESTRE
330, 724, 1236, 1841, 1842

ACER GINNALA
330, 2091, 2347

ACER NEGUNDO
330, 654, 645, 1264, 2091, 2129, 2347, 2348

ACER PLATANOIDES
330, 654, 1220, 1222, 1264, 1751-1753, 1842, 2091, 2129, 2261, 2356

ACER PSEUDOPLATANUS
724, 1220, 1222, 1236, 1841

ACER RUBRUM
450, 920, 1137, 1364, 1752, 1753, 1949, 2091

ACER SACCHARINUM
1220, 1222, 2091, 2129, 2345

ACER SACCHARUM
151, 350-353, 798, 822, 829, 919, 920, 922, 923, 925, 926, 1100, 1137, 1173, 1264, 1751-1754, 1948, 1949, 2084, 2091, 2129, 2277, 2279, 2280

ACER TATARICUM
2091

ACHILLEA MILLEFOLIUM
1331, 1710

ADENOSTOMA FASCICULATUM
1668

AEGIALITIS ANNULATA
99

AEGIALITIS ROTUNDIFOLIA
1869

AEGICERAS CORNICULATUM
404

AEGICERAS MAJUS
1869

AEGILOPS OVATUM
1825

AELUROPUS LITTORALIS
514, 515, 1658, 1947, 1959, 2043

AELUROPUS MACROSTACHYUS
2043

AELUROPUS REPENS
2227, 2248

AESCLUS
1221

AESCLUS CARNEA
1220, 1222

AESCLUS GLABRA
1220, 1222

AESCLUS HIPPOCASTANUM
279, 300, 546, 724, 1220, 1222, 1236, 1796, 2091, 2356

AGAVE FOURCROILES
306, 307

AGAVE SISALANA
306, 307, 567

AGLAONEMA MODESTUM
1362

AGROPYRON
495, 505, 1868

AGROPYRON CRISTATUM
76, 346, 638, 940, 1088, 1519, 1521, 2332

AGROPYRON DESERTORUM
 493, 494, 538, 753, 813, 1368, 1792, 2332
 AGROPYRON ELONGATUM
 367, 458, 487, 591, 627, 638, 658, 770, 825,
 1000, 1312, 1313, 1365, 1366, 1374, 1616, 1626,
 1668, 1696, 1722, 1749, 1764, 1855, 1858, 2148,
 2279, 2342
 AGROPYRON INERME
 1368
 AGROPYRON INTERMEDIUM
 591, 638, 942, 1368, 1696, 1762, 2148, 2332
 AGROPYRON JUNCEUM
 184, 306-308, 1381
 AGROPYRON PAUCIFLORUM
 1088
 AGROPYRON REPENS
 54, 961, 1654
 AGROPYRON RIPARIUM
 2332
 AGROPYRON SIBERIUM
 2332
 AGROPYRON SMITHII
 346, 638, 658, 940, 1084, 1088, 1762, 2196,
 2199
 AGROPYRON SPICATUM
 396
 AGROPYRON TENERUM
 76
 AGROPYRON TRACHYCAULUM
 448, 638, 658, 1000, 1115, 1365, 1366, 1722,
 1762
 AGROPYRON TRICHOPHORUM
 1368, 1668, 2332
 AGROSTIS
 1279, 1696, 1825, 2055, 2282
 AGROSTIS ALBA
 757, 961, 1088, 1107, 2343
 AGROSTIS CANINA
 1997
 AGROSTIS MAGELLANICA
 943
 AGROSTIS PALUSTRIS
 440, 1287, 1517, 2282, 2334
 AGROSTIS STOLONIFERA
 380, 832, 833, 1786, 1787, 1997, 2146
 AGROSTIS TENUIS
 440, 444, 1287, 1517, 1997
 AILANTHUS
 671
 AILANTHUS ALTISSIMA
 257, 1220, 2129, 2164
 AILANTHUS EXCELSA
 2314

AJUGA REPTANS
 259
 ALBIZIA JULIBRISSIN ROSEA
 1364
 ALBIZIA LEBBEK
 2314
 ALHAGI MAURORUM
 815
 ALHAGI PSEUDOALHAGI
 2227
 ALISMA PLANTAGO
 1661
 ALLENROLFEA OCCIDENTALIS
 629, 658, 733, 1763, 1818
 ALLIUM CEPA
 107, 127, 161, 176, 190, 216, 225, 334, 536,
 555, 676, 681, 682, 848, 907, 984, 1084, 1186,
 1276, 1297, 1300, 1345, 1359, 1422, 1482, 1544,
 1546, 1547, 1626, 1687, 1766, 1768, 1928, 1931,
 1943, 1945, 1961, 1963, 2048-2050, 2322
 ALLIUM FISTULOSUM
 974, 1547, 1548
 ALLIUM PORRUM
 454, 455, 1186
 ALLIUM SATIVUM
 601, 1984
 ALNUS
 343, 1756
 ALNUS GLUTINOSA
 345, 724, 1236, 1841, 1842, 2091
 ALNUS HIRSUTA
 959, 2091
 ALNUS INCANA
 724, 1236, 2091
 ALNUS RUGOSA
 1949, 2091
 ALNUS SIEBOLDIANA
 959
 ALOPECURUS ARUNDINACEUS
 658, 2332
 ALOPECURUS PRAESENS
 1748
 ALTERNANTHERA SESSILIS
 3079
 ALTHENIA FILIFORMIS
 1534
 ALYSICARPUS
 1777
 ALYSSUM MARITIMUM
 1757
 ALYSSUM SAXATILE
 1424, 1425

AMARANTHUS PUMILUS
 2039
 AMARANTHUS RETROFLEXUS
 2306
 AMARYLLIS
 1362
 AMBROSIA CHAMISSONIS
 1132
 AMELANCHIER OVALIS
 724, 2092
 AMELANCHIER VULGARIS
 724
 AMELANCHIER X GRANDIFLORA
 2092
 AMMOPHILA ARENARIA
 184, 306, 307
 AMMOPHILA BREVILIGULATA
 1871-1873
 AMOORA CUCULLATA
 1869
 AMORPHA
 671, 780, 1215, 1216
 AMORPHA FRUTICOSA
 958, 2117, 2164
 AMORPHA INDIGO
 330
 ANABASIS APHYLLA
 753
 ANABASIS SALSA
 753, 1090
 ANANAS COMOSUS
 1953-1955, 2262
 ANDROPOGON LITTORALIS
 1537
 ANDROPOGON NODOSUS
 701, 704
 ANDROPOGON SORGHUM
 1377
 ANDROPOGON VIRGINICUS
 2039
 ANETHUM GRAVEOLENS
 375, 1985
 ANIGOZANTHOS FLAVIDA
 42
 ANNONA CHERIMOLA
 423
 ANTHOXANTHUM ODERATUM
 1107
 ANTHYLLIS VULNERARIA
 2343
 ANTIRRHINUM
 1667

ANTIRRHINUM CORNUTUM
 1818
 ANTIRRHINUM MAJUS
 1424, 1425
 APIUM GRAVEOLENS
 536, 1088, 1546, 1548, 1550, 1687, 1856, 1928,
 1931
 APIUM GRAVEOLENS VAR DULCE
 1084, 1544, 1547
 APIUM GRAVEOLENS VAR RAPACEUM
 454, 455
 APTENIA CORDIFOLIA
 2159
 AQUILEGIA VULGARIS
 609
 ARABIDOPSIS THALIANA
 1245
 ARABIS HOLBOELLII
 1818
 ARACHIS HYPOGAEA
 52, 53, 369, 734-748, 892, 894, 1000, 1705,
 1735, 1777, 1894, 2152
 ARAUCARIA EXCELSA
 42, 1215
 ARCTOTIS STOECHADIFOLIA
 1255
 ARENARIA PEPLOIDES
 259
 ARISTIDA STRICTA
 2274
 ARMERIA MARITIMA
 728, 2044
 ARRHENATHERUM ELATIUS
 1084, 1088, 2343
 ARTEMISIA ABSINTHIUM
 1255
 ARTEMISIA AUSTRIACA
 753
 ARTEMISIA DRACUNCULUS
 524
 ARTEMISIA HALOLENDRON
 51
 ARTEMISIA MARITIMA
 380, 709, 1748, 2272
 ARTEMISIA PAUCIFLORA
 753, 1090
 ARTEMISIA SALINA
 753
 ARTEMISIA SPINESCENS
 733
 ARTEMISIA TERRAE-ALBAE
 753

ARTEMISIA TRIDENTATA
 396, 624, 692, 733, 1763
 ARTHROCNEUMUM
 1313
 ARTHROCNEUMUM AUSTRALASICUM
 404
 ARTHROCNEUMUM GLAUCUM
 122, 584, 1959, 2248
 ARTHROCNEUMUM HALOCNEMOIDES
 1306, 1313
 ARTHROCNEUMUM MACROSTACHYUM
 1825
 ARTOCARPUS COMMUNIS
 369
 ASPARAGUS OFFICINALIS
 334, 536, 1084, 1088, 1186, 1789, 1935, 1963,
 2115
 ASPERULA CYNANCHICA
 609
 ASTER
 1516
 ASTER AMELLUS
 2229
 ASTER BRACHYACTIS
 2195
 ASTER ERICOIDES
 2306
 ASTER EXILIS
 2196
 ASTER LINOSYRIS
 2229
 ASTER TRIPOLIUM
 380, 561, 562, 709, 960, 961, 1661, 1748, 2044,
 2160, 2229, 2272
 ASTRAGALUS RUBYII
 38
 ATALANTIA DISTICHA
 2098
 ATRAPHAXIS SPINOSA
 753
 ATRIPLEX
 658, 731, 768, 1255, 1463
 ATRIPLEX ARENARIA
 263, 301, 1536
 ATRIPLEX ARGENTEA
 629, 2196
 ATRIPLEX BREWERI
 1084, 1088
 ATRIPLEX CANA
 753
 ATRIPLEX CANESCENS
 359, 641, 1313, 1668, 1763, 1818, 2032, 2043,
 2254

ATRIPLEX CANUM
 1090
 ATRIPLEX CAPENSIS
 2007
 ATRIPLEX CINEREA
 487
 ATRIPLEX CONFERTIFOLIA
 316, 624, 629, 658, 692, 733, 1118, 1313, 1463,
 1763, 2254, 2255
 ATRIPLEX CORIACEA
 641
 ATRIPLEX ELEGANS
 359
 ATRIPLEX FALCATA
 658
 ATRIPLEX GLABRIUSCULA
 263
 ATRIPLEX GLAUCA
 641
 ATRIPLEX HALIMUS
 280, 514, 641, 677, 678, 1070, 1313, 1445-1447,
 1959
 ATRIPLEX HALOCNEMOIDES
 1313
 ATRIPLEX HASTATA
 263, 272, 629, 767, 856, 1661, 1959, 2091
 ATRIPLEX HYMENELYTRA
 2254, 2255
 ATRIPLEX INFLATA
 92
 ATRIPLEX LENTIFORMIS
 1084, 1088, 1668, 1818
 ATRIPLEX LEUCOPHYLLA
 170
 ATRIPLEX LITTORALIS
 259, 263
 ATRIPLEX MAURITANICA
 1959
 ATRIPLEX NUMMULARIA
 92, 487, 488, 582, 641, 686, 691, 758, 767,
 1313, 1555
 ATRIPLEX NUTTALLII
 359, 642, 733
 ATRIPLEX PARVIFOLIUS
 1313
 ATRIPLEX PATULA
 457, 856, 1825, 2039, 2195
 ATRIPLEX PATULA VAR HASTATA
 380, 2196, 2199
 ATRIPLEX POLYCARPA
 359, 384-387, 1668, 1763, 1818
 ATRIPLEX PORTULACOIDES
 641

ATRIPLEX RHAGODIOIDES
 1313
 ATRIPLEX ROSEA
 1825
 ATRIPLEX SEMIBACCA71
 487, 488, 539, 641, 691, 779, 1313, 1405, 2091
 ATRIPLEX SPONGIOSA
 621, 769, 1553, 2052, 2053
 ATRIPLEX SUBCORDATA
 1814, 2113, 2312
 ATRIPLEX TATARICA
 2227
 ATRIPLEX VERRUCIFERA
 54, 709, 1090
 ATRIPLEX VESICARIA
 273, 641, 691, 1696, 2091
 ATROPIS DISTANS
 753
 ATROPIS TENUIFLORA
 961
 AUCUCA JAPONICA
 928
 AVENA
 2054
 AVENA FATUA
 1825
 AVENA SATIVA
 84, 150, 162, 189-191, 193, 332, 335, 466, 467,
 481, 512, 536, 658, 846-848, 857, 986, 987,
 1084, 1087, 1088, 1115, 1192, 1225, 1260, 1297,
 1303, 1318, 1333, 1336, 1377, 1403, 1405, 1452,
 1477, 1616, 1687, 1694, 1717, 1725, 1728, 1804,
 1812, 1813, 1845, 1961, 2045, 2053, 2149, 2220,
 2281, 2321, 2322
 AVICENNIA ALBA
 1869
 AVICENNIA GERMINANS
 1369
 AVICENNIA MARINA
 404, 1690, 1696
 AVICENNIA NITIDA
 1696
 AVICENNIA OFFICINALIS
 306, 307, 1869
 AZADIRACHTA INDICA
 2314
 AZORELLA SELAGO
 943
 BACCHARIS CONCAVA
 1132
 BACCHARIS HALIMIFOLIA
 301, 856, 1255, 2274

BACCHARIS PILULARIS
 409, 1668
 BACCHARIS SALICINA
 2196
 BACCHARIS VIMINEA
 1668
 BACOPA MONNIERI
 1809, 1884
 BATODENDRON ARIOREUM
 2273
 BECKMANNIA ERUCAEFORMIS
 1748
 BEGONIA
 1362, 1516
 BEGONIA SEMPERFLORENS
 683
 BELLIS PERENNIS
 259
 BERBERIS
 343
 BERBERIS KOREANA
 2091
 BERBERIS THUNBERGII
 330, 1424, 1426, 2091
 BERBERIS VULGARIS
 2091
 BETA
 608
 BETA MARITIMA
 259, 728, 1661
 BETA VULGARIS
 1, 21, 82, 84, 96, 107, 112, 172, 176, 178,
 189-191, 193, 225, 232, 255, 281, 296, 299,
 323, 327, 334, 454, 455, 480, 481, 484, 522,
 523, 512, 536, 538, 540, 543, 630, 644, 827,
 838, 846-848, 884, 885, 944, 960, 1001, 1040,
 1072, 1084, 1087, 1088, 1146, 1186, 1207, 1218,
 1254, 1276, 1300, 1303, 1318, 1346, 1359, 1395,
 1405, 1452, 1482, 1502, 1523, 1626, 1627, 1638,
 1654, 1686, 1687, 1719, 1725, 1748, 1749, 1766,
 1814, 1890, 1911, 1956, 1963, 2003, 2073, 2115,
 2149, 2153, 2167, 2225, 2233, 2236, 2250, 2309,
 2322
 BETA VULGARIS VAR CICLA
 1541, 1548
 BETULA
 920, 922, 926, 1236, 1756, 1790, 1842
 BETULA ALBA
 651
 BETULA ALLEGHANIENSIS
 257, 1752, 1753, 1949, 2091
 BETULA DAVURICA
 2347

BETULA HUMILIS
2091
BETULA KIRGHISORUM
1151, 1886, 2091
BETULA LENTA
1752, 1753, 1949, 2091
BETULA PAPHYRIFERA
1174, 1752-1754, 1949, 2091
BETULA PENDULA
829, 1222, 2091
BETULA POPULIFOLIA
1752, 1753, 1949, 2091
BETULA PROCURVA
651
BETULA PUBESCENS
724, 2091
BETULA VERRUCOSA
1015, 1220, 1222, 1886
BIGELOVIA HARTWEGII
359
BLACKSTONIA PERFOLIATA
600
BLECHNUM PENNA-MARINA
943
BORRICHIA FRUTESCENS
1536
BOUGAINVILLEA SPECTABILIS
229
BOUTELOUA CURTIPENDULA
1762
BOUTELOUA GRACILIS
576, 1368, 1762
BRACHIARIA MUTICA
146, 147
BRACHYPODIUM PINNATUM
609
BRASSICA
530, 536, 1186, 1452
BRASSICA ALBA
1482
BRASSICA CAMPESTRIS
74
BRASSICA CAULORAPA
848, 2322
BRASSICA CHINENSIS
974, 1540, 1541, 1546, 1547, 1928
BRASSICA JUNCEA
74, 1115, 1322, 1627, 1687, 1921, 1923, 1975, 1977
BRASSICA NAPUS
481, 608, 848, 1084, 1088, 1788, 1791, 2322
BRASSICA NIGRA
1377

BRASSICA OLERACEA
325, 536, 1084, 1088, 2065
BRASSICA OLERACEA VAR ACEPHALA
172, 454, 455, 1249, 1687, 1923, 1924
BRASSICA OLERACEA VAR BOTRYTIS
334, 454, 455, 596, 597, 1084, 1088, 1319, 1687, 1766
BRASSICA OLERACEA VAR CAPITATA
172, 205, 334, 454, 455, 509, 529, 555, 681, 962, 1040, 1084, 1088, 1109, 1133, 1186, 1254, 1297, 1319, 1359, 1378-1380, 1482, 1544, 1546, 1547, 1576, 1626, 1687, 1766, 1768, 1961, 2073, 2225
BRASSICA OLERACEA VAR FRUTICOSA
1249
BRASSICA OLERACEA VAR GEMMIFERA
334, 454, 455
BRASSICA OLERACEA VAR ITALICA
176, 225, 1276, 1359, 1766
BRASSICA PEKINENSIS
962, 964, 1544, 1546, 1547, 1550, 1551, 1928
BRASSICA RAPA
332, 334, 536, 681, 848, 1186, 1249, 1482, 1545-1548, 1550, 1638, 1687, 1928
BROMUS
1279, 2054
BROMUS INERMIS
638, 961, 1084, 1088, 1260, 1365, 1366, 1368, 1519, 1521, 2216, 2343
BROMUS JAPONICUS
2007, 2340
BROMUS MOLLIS
2332
BROMUS UNIOLOIDES
2007
BRUGUIERA GYMNOORRHIZA
1869
BRUNELLA VULGARIS
82
BRYOPHYLLUM PINNATUM
1074
BUCHLOE DACTYLOIDES
658, 1762
BUDDLEIA MADAGASCARIENSIS
1255
BUMELIA LANUGINOSA
845
BUTEA MONOSPERMA
2314
BUXUS MICROPHYLLA JAPONICA
229
BUXUS SEMPERVIRENS
1236

CAJANUS INDICUS
1377, 1578
CAKILE EDENTULA
170, 1537, 2039
CAKILE MARITIMA
168, 170
CALAMAGROSTIS
1825
CALAMACROSTIS LANCEOLATA
961
CALCEOLARIA
1362
CALENDULA OFFICINALIS
259, 536, 2251
CALLICARPA AMERICANA
2273
CALLISTEMON VIMINALIS
213, 229
CALLISTEPHUS CHINENSIS
1130, 1286
CALLITRICHE ANTARCTICA
943
CALLUNA VULGARIS
728
CALOCEPHALUS BROWNI
42, 1255
CALOPHYLLUM INOPHYLLUM
369
CALOTHAMNUS QUADRIFIDUS
42
CALOTROPIS PROCERA
306, 307
CALYSTEGIA SOLDANELLA
170, 2113
CAMELLIA
667, 1277, 1278
CAMISSONIA CHERIANTHIFOLIA
170
CAMPHOROSMA MONSPELIACUM
753
CANNABIS
2012
CANNABIS SATIVA
848, 1718, 1720
CAPSICUM
2320
CAPSICUM ANNUUM
618, 727, 1012, 1013, 1064, 1573, 1816, 1945,
2317

CAPSICUM FRUTESCENS
176, 198, 199, 222, 223, 233, 536, 557, 582,
597, 726, 727, 751, 976, 984, 1186, 1276, 1319,
1388, 1482, 1543, 1546, 1547, 1687, 1928, 1944,
1961, 2025, 2317
CAPSICUM FRUTESCENS VAR LONGUM
1103
CARAGANA ARBORESCENS
724, 1841, 2092
CARAPA MOLUCCENSIS
1869
CARAPA OBOVATA
1869
CAREX CAESPITOSA
961
CAREX DISTANS
1661
CAREX PRAECOX
961
CAREX RIPARIA
961
CAREX STENOPHYLLA
1090
CARICA PAPAYA
417, 423, 431, 1296
CARISSA GRANDIFLORA
229, 423
CARNEGIA GIGANTEA
1818
CARPINUS BETULUS
724, 1220, 1222, 1236, 1841, 1842
CARPINUS CAROLINIANA
1949, 2091
CAPPOBROTUS CHILENSIS
42, 1132
CARPOBROTUS EDULIS
42, 2043
CAPTHAMUS TINCTORIUS
1, 52, 142, 643, 645, 720, 999, 1164, 1165,
1359, 1975, 2276, 2326, 2327
CARUM CARVI
191
CARYA
845
CARYA GLABRA
920, 922
CARYA ILLINOINENSIS
274, 564, 809, 845, 2029
CARYA OVATA
450, 1949, 2091
CASIMIROA EDULIS
423, 425

CASSIA ACUTIFOLIA
 120
 CASTANEA
 1790
 CASUARINA
 1084, 1088, 1393 2259
 CASUARINA GLAUCA
 404, 1255, 1312
 CATALPA
 780
 CATALPA BIGNONIOIDES
 257
 CATALPA OVATA
 2164
 CATAPODIUM MARINUM
 728
 CEANOTHUS CYANEUS
 1668
 CEDRUS DEODARA
 1668
 CELOSIA
 1150
 CELOSIA ARGENTEA
 1424, 1425
 CELTIS
 845
 CELTIS JULIANAE
 2164
 CELTIS OCCIDENTALIS
 2092, 2129
 CENCHRUS
 2039
 CENCHRUS CILIARIS
 754, 1800
 CENCHRUS SETIGERUS
 1908
 CENCHRUS TRIBULOIDES
 1537
 CENTAUREA MELITENSIS
 1818
 CENTAUREA SCABIOSA
 609
 CENTAURIUM LITTORALE
 652, 653
 CENTROSEMA PUBESCENS
 947, 1000
 CERASTIUM VULGATUM
 440
 CERASUS VULGARIS
 1659
 CERATOIDES LANATA
 316

CERATONIA SILIQUA
 1146
 CERATOPHYLLUM
 1541, 1544, 1547
 CERCIDIUM TORREYANUM
 1818
 CERCIS CANADENSIS
 829
 CEREUS PERUVIANUS
 1956
 CERIOPS ROXBURGHIANA
 1869
 CHAENOMELES JAPONICA
 330
 CHAMAECYPARIS
 671
 CHAMAECYPARIS OBTUSA
 2117
 CHAMAECYPARIS FISIFERA
 2091
 CHAMAECYPARIS THYOIDES
 820, 917, 1440, 2259
 CHAMAENERION ANGUSTIFOLIUM
 1786
 CHENOPODIUM ALEUM
 101, 900, 1825, 1983
 CHENOPODIUM AMARANTHICOLOR
 1983
 CHENOPODIUM AMEROSIODES
 1536
 CHENOPODIUM ANTHELMINTICUM
 1537
 CHENOPODIUM BERLANDIERI
 301
 CHENOPODIUM CRASSIFOLIUM
 960
 CHENOPODIUM OLIDUM
 1825
 CHLORIS GAYANA
 6, 7, 299, 344, 698, 701, 704, 730, 781, 1088,
 1800, 1947, 2052, 2053
 CHLORIS PETRAEA
 1536
 CHLORIS VIRGATA
 1908
 CHLOROGALUM
 1818
 CHRYSANTHEMUM
 1362, 1516, 1667, 2251
 CHRYSANTHEMUM MORIFOLIUM
 725, 1126, 1285, 1286, 1693, 1802

CICER ARIETINUM
85, 147, 160, 238, 240-243, 245-249, 466, 467,
903, 1104, 1377, 1826, 1827, 1829, 1832, 1833,
1835, 1836, 2176

CICHORIUM ENDIVIA
454, 455, 597, 1254

CICHORIUM INTYBUS
454, 455

CINERARIA
1362

CINNAMOMUM JAPONICUM
959

CISTUS VILLOSUS
1668

CITRULLUS VULGARIS
475, 1059, 1422, 1433, 1652, 1788, 1791

CITRUS
203, 205, 312, 362, 364, 369, 418, 421-423,
426-428, 432, 434, 437, 537, 555, 589, 661,
811, 841, 949, 1033, 1092-1094, 1296, 1343,
1344, 1359, 1414, 1415, 1427, 1453, 1620, 1634,
1734, 1739, 1744, 1903, 2000, 2022

CITRUS AURANTIIFOLIA
2357

CITRUS AURANTIUM
424, 433, 498, 662, 665, 752, 800, 1003, 1406,
1738, 1740, 2098, 2353, 2357

CITRUS DEPRESSA
662, 905

CITRUS GRANDIS
662, 800

CITRUS JAMBHIRI
662, 906, 1509

CITRUS LIMETTIODES
1095

CITRUS LIMON
255, 277, 363, 477, 538, 541, 592, 800, 809,
812, 1032, 1084, 1141, 1186, 1772-1774, 1859,
2267

CITRUS LIMONIA
536, 662, 905, 906, 2279

CITRUS MACROPHYLLA
662, 906

CITRUS PARADISI
260, 357, 360, 366, 424, 425, 430, 436, 438,
662, 752, 800, 809, 842, 906, 1390, 1618, 1619,
1633, 1635, 1859, 2279

CITRUS PARADISI X PONCIRUS TRIFOLIATA
662

CITRUS RETICULATA
424, 433, 477, 662, 752, 800, 905, 1095, 1302,
1406, 1618, 1619, 2098

CITRUS SINENSIS
237, 270, 378, 424, 453, 456, 477, 487, 541,
665, 775, 800, 806, 809, 842, 843, 874, 897,
905, 1084, 1186, 1302, 1341, 1346, 1406, 1454,
1738, 1740, 1859, 1896, 2086, 2279, 2323

CITRUS SINENSIS X PONCIRUS TRIFOLIATA
662

CITRUS SUNKI
662

CLARKIA CONCINNA
1818

CLEMATIS ORIENTALIS
1153

CLEMATIS VITABLA
2092

CLEOME ARAVICA
1889

COCCOLOBA UVIFERA
1393

COCHLEARIA ANGLICA
254, 256

COCHLEARIA OFFICINALIS
728

COCOS NUCIFERA
369, 1161, 2131

COLEUS
1362

COLEUS BLUMEI
1956

COLOBANTHUS KERGUELENSIS
943

COLOCASIA ANTICUORUM
369

COLOCASIA ESCULENTA
2131

COMARUM PALUSTRE
961

CORCHORUS CAPSULARIS
173

CORNUS
343, 1790

CORNUS ALBA
2091

CORNUS ALBA "KESSELRINGII"
2091

CORNUS ALBA "SIBIRICA"
2091

CORNUS ALBA "SPAETHII"
2091

CORNUS AMOMUM
2091

CORNUS FLORIDA
450, 451, 1364

CORNUS MAS
1842, 2091
CORNUS SANGUINEA
330, 342, 1841, 2091
CORNUS STOLONIFERA
595, 1264, 2091, 2095
CORNUS STOLONIFERA "FLAVIRAMEA"
2091
CORREA ALBA
1255
CORYLUS
343
CORYLUS AMERICANA
2091
CORYLUS AVELLANA
724, 1236, 1841, 2356
CORYLUS COLURNA
1220, 1222
CORYLUS CORNUTA
2091
COTINUS
671
COTONEASTER INTEGERRIMUS
2092
COTULA PLUMOSA
943
COTYLEDON
1956
COVILLEA GLUTINOSA
1818
COWANIA MEXICANA VAR STANSBURIANA
1668
CRATAEGUS
345, 671, 1842
CRATAEGUS CRUS-GALLI
2092
CRATAEGUS MONOGYNA
724, 1236, 1331, 1841
CRATAEGUS OXYACANTHA
1220, 1222, 1841
CRATAEGUS PUNCTATA
2092
CRATAEGUS SANGUINEA
1886, 2092
CREPIS CAPILLARIS
1159
CRESSA CRETICA
815
CRESSA TRUXILLENSIS
1818
CRITHMUM MARITIMUM
259, 723

CROTALARIA AEGYPTIACA
6, 7
CROTALARIA JUNCEA
1377, 2247, 2313, 2315
CROTON PUNCTATUS
301, 302, 1536, 1537, 2039
CRYPTANTHA TORREYANA
1818
CRYPTOMERIA JAPONICA
77, 79
CUCUMIS
1961
CUCUMIS MELO
536, 579, 612, 726, 848, 984, 1186, 1353, 1359,
1404, 1422, 1433, 1516, 1653, 1694, 1766, 1945,
1946
CUCUMIS SATIVUS
66, 529, 579, 612, 726, 751, 976, 1059, 1060,
1349, 1422, 1543, 1546, 1547, 1549, 1648, 1687,
1728, 1857, 1928, 1931, 1935, 1945, 1956, 2026,
2225
CUCURBITA
1186, 1687, 1961
CUCURBITA PEPO
579, 713, 1422, 2015-2017, 2019, 2020
CUPRESSUS
671
CUPRESSUS ARIZONICA
1668
CYAMOPSIS PSORALOIDES
682, 1378-1380, 2131, 2230, 2247
CYAMOPSIS TETRAGONOLOBUS
238, 1981, 2316
CYDONIA
780
CYMBOPOGON NARUS
375
CYMBOPOGON WINTERIANUS
375
CYMODOCEA
1369
CYNARA SCOLYMUS
334, 475, 536, 1088, 1186, 1259, 1960, 1961
CYNODON DACTYLON
30, 54, 354, 411, 524, 551, 701, 704, 730,
1088, 1188, 1279, 1359, 1405, 1516, 1517, 1536,
1668, 1675, 1702, 1704, 1825, 1840, 1961, 2039,
2043, 2055, 2279, 2282, 2333
CYNODON PLECTOSTACHYUS
1190
CYNOSURUS CRISTATUS
473

DACTYLIS

1627

DACTYLIS GLOMERATA

848, 900, 1088, 1273, 1519, 1521, 1660, 2242, 2343

DACTYLOCTENIUM AEGYPTIUM

1908

DACTYLOCTENIUM SINDICUM

1908

DALBERGIA SISSOO

2314

DALEA

1463

DAUCUS CAROTA

536, 728, 1818

DAUCUS CAROTA VAR SATIVA

215, 225, 325, 334, 454, 455, 1180, 1186, 1300, 1319, 1345, 1346, 1359, 1516, 1545-1547, 1550, 1661, 1687, 1725, 1730, 1766, 1768, 1816, 1928, 1961, 2053, 2153

DELPHINIUM

536

DESMODIUM INTORTUM

947, 1031, 1800

DESMODIUM SANDWICENSE

947

DESMODIUM UNCINATUM

947, 1800

DIANTHUS

1280, 1283, 1516, 1857

DIANTHUS BARBATUS

1424, 1425

DIANTHUS CARYOPHYLLUS

596, 1846-1848, 2251, 2283

DICHANTHIUM ANNULATUM

1703, 1908, 1909

DIGITALIS

2012

DIGITARIA

2039

DIGITARIA DECUMBENS

1675, 1800

DIODIA TERES

2039

DIOSPYROS

780, 845

DIOSPYROS KAKI

536, 1520

DIOSPYROS LOTUS

1520

DIPLACHNE FUSCA

978, 1822

DISPHYMA BLACKII

42

DISTICHLIS SPICATA

38, 64, 169, 457, 658, 839, 856, 1255, 1818

DISTICHLIS SPICATA VAR STRICTA

2196

DISTICHLIS STRICTA

347, 505, 525-527, 629, 658, 1084, 1088, 2043, 2144, 2145, 2195, 2199

DODONAEA VISCOSA ATROPURPUREA

229

DOLICHOS

1319

DOLICHOS AXILLARIS

947

DOLICHOS LABLAB

682, 1078-1380, 1697, 2123, 2131

DOLICHOS SINENSIS

960

DONDIA INTERMEDIA

1818

DOXYALIS HEBECARPA

423

DRACAENA INDIVISA

229

DROSANTHEMUM FLORIBUNDUM

42

ECHINOCHLOA COLONUM

1000, 1431

ECHINOPSILON HYSSOPIFOLIUM

2227

EHRHARTA CALYCINA

1668

ELAEAGNUS

1088

ELAEAGNUS ANGUSTIFOLIA

330, 1424, 1426, 1520, 1841, 1886, 2091, 2347, 2348

ELAEAGNUS MACROPHYLLA

928

ELAEAGNUS PUNGENS

229, 958

ELAEAGNUS UMBELLATA

2091, 2117

ELAEAGNUS X EBEINGEI

2091

ELAPHOGLOSSUM FANDII

943

ELEOCHARIS PALUSTRIS

2199

ELEUSINE

706, 1356

ELEUSINE CORACANA
605, 986, 1063, 1066, 1167, 1304, 1318, 1322,
1377, 1430, 1697, 1698, 1711, 1729, 1730, 1839,
2003, 2173, 2222

ELYMUS ANGUSTUS
1365, 1366

ELYMUS ARENARIUS
184

ELYMUS CANADENSIS
638

ELYMUS CINEREUS
396, 1668

ELYMUS GIGANTEUS
753

ELYMUS JUNCCEUS
638, 1365, 1366, 1368, 1583, 1722, 1762, 2332

ELYMUS LANOGINOSUS
753

ELYMUS TRITICOIDES
940

EMMENANTHE PENDULIFLORA
1818

EPILOBIUM HIRSUTUM
259

ERAGROSTIS
1668

ERAGROSTIS CURVULA
928, 1668, 1805

ERAGROSTIS LEHMANNIANA
1668, 1805

ERAGROSTIS SUPERBA
1805

ERAGROSTIS TENELLA
1840

ERAGROSTIS TRICHODES
1368, 1762

EREMOCITRUS GLAUCA
2098

ERIGERON ACER
609

ERIGERON CANADENSIS
302, 2039

ERIOBOTRYA JAPONICA
423

ERIOGONUM FASCICULATUM
1668

ERIOPHYLLUM LANATUM
1818

ERODIUM BOTRYS
1818

ERODIUM CICUTARIUM
1818

ERUCA SATIVA
1975

ERVUM ERVILLEA
1748, 1749

ESCHSCHOLZIA CALIFORNICA
536

EUCALYPTUS
671

EUCALYPTUS BOTRYOIDES
1255

EUCALYPTUS CAESIA
42

EUCALYPTUS CAMALDULENSIS
1076, 1077, 1393

EUCALYPTUS CORNUTA
1255

EUCALYPTUS GLOFULUS
1084

EUCALYPTUS GOMPHOCEPHALA
1075

EUCALYPTUS ROSTRATA
1084, 1088

EUCALYPTUS RUDIS
1088

EUCALYPTUS SARGENTII
1312

EUCALYPTUS TERETICORNIS
1084

EUGENIA UNIFLOPA
423

EUONYMUS
343, 671, 1842

EUONYMUS ALATA
1424, 1426, 2091

EUONYMUS EUROPAEA
330, 2091

EUONYMUS JAPONICA
2117

EUONYMUS JAPONICA GRANDIFLORA
229

EUONYMUS VERRUCOSA
2091

EUPHORBIA
1362

EUPHORBIA EXIGUA
1825

EUPHORBIA HERMENTIANA
1956

EUPHORBIA POLYGONIFOLIA
1536, 1537, 2039

EUPHORBIA PULCHERRIMA
1128, 2251

EUPHORBIA XYLOPHYLLOIDES
1956
EUROTIA LANATA
405, 692, 733, 1313, 1463, 2307
EURYA EMARGINATA
959
EUSTOMA GRANDIFLORA
2196
EXCOECARIA AGALLOCHA
1869
FAGOPYRUM
658
FAGOPYRUM ESCULENTUM
326, 530, 848, 1788, 1791, 2012, 2013, 2153,
2225
FAGUS
1756, 1842
FAGUS GRANDIFOLIA
1264, 2084
FAGUS SYLVATICA
342, 724, 1020, 1220, 1222, 1236, 1841
FEIJOA SELLOWIANA
213, 229
FEROCACTUS ACANTHODES
1818
FESTUCA
1516, 1654, 1696
FESTUCA ARUNDINACEA
440, 441, 444, 1273, 1287, 1517, 1668, 1762,
1961, 2043, 2216
FESTUCA CAPILLATA
1107
FESTUCA ELATIOP
172, 297, 555, 848, 900, 928, 1088, 1519, 1521,
1616, 2282
FESTUCA OVINA
1997, 2343
FESTUCA PRATENSIS
76, 2343
FESTUCA PSEUDOVINA
757
FESTUCA RUBRA
172, 440-444, 473, 728, 832, 833, 1107, 1331,
1997, 2216, 2343
FESTUCA SULCATA
753
FESTUCA VALLESIACA
1997
FICUS
312, 671, 1186
FICUS CARICA
536

FICUS MACROPHYLLA
1255
FILAGO GALLICA
1818
FILIPENDULA ULMARIA
961
FIMBRISTYLIS CASTANEA
1537
FINLAYSONIA OBOVATA
1869
FONTANESIA
671
FORSYTHIA INTERMEDIA SPECTABILIS
829, 1364
FORSYTHIA SUSPensa
958
FOUQUIERIA SPLENDENS
649, 650
FRAGARIA
321, 454, 455, 536, 554, 556, 911, 974, 1186,
1205, 1244, 1543, 1547, 1687, 1928, 1963
FRAGARIA ANANASSA
1351
FRANKENIA GRANDIFOLIA
169
FRANKENIA GRANDIFOLIA CAMPESTRIS
1818
FRANKENIA HIRSUTA
54
FRANKENIA REVOLUTA
122
FRANSERIA CHAMISSONIS
170
FRAXINUS
845, 1142, 1471, 1664, 1756
FRAXINUS AMERICANA
920, 1174, 1364, 1752-1754, 1949, 2084, 2092
FRAXINUS ANGUSTIFOLIA
2092
FRAXINUS EXCELSIOR
724, 1220, 1222, 1236, 1841, 1842
FRAXINUS PENNSYLVANICA
595, 829, 2092, 2095
FRAXINUS PENNSYLVANICA VAR LANCEOLATA
780, 1424, 1426, 2092
FRAXINUS PENNSYLVANICA VAR SUBINTEGRINA
2092
FRAXINUS SOGDIANA
188
FUCHSIA
1516
GAILLARDIA
1150

GALENIA PUBESCENS
1119
GALENIA SARCOPHYLLA
2007
GALENIA SECUNDA
487
GARDENIA
1282, 2291
GASTERIA HYBRIDA
1956
GERANIUM
899, 1362, 1516, 2251
GERANIUM LUCIDUM
609
GERARDIA PURPUREA
856
GERBERA
1516
GILIA CAPITATA
1818
GILIA GILIOIDES
1818
GINKGO BILOBA
958
GLADIOLUS
1127, 1516
GLAUX MARITIMA
265, 380, 756, 960, 1784
GLEDITSIA
671
GLEDITSIA JAPONICA
928
GLEDITSIA SINENSIS
2164
GLEDITSIA TRIACANTHOS
257, 330, 504, 705, 1220, 1222, 1424, 1426,
2092
GLEDITSIA TRIACANTHOS VAR INERMIS
829, 2092
GLYCERIA MARITIMA
818
GLYCINE FALCATA
2295, 2298
GLYCINE HISPIDA
2133
GLYCINE JAVANICA
687, 689, 690, 2295, 2299
GLYCINE MAX
11, 12, 73, 231, 238, 327, 412, 499, 529, 1123,
1212, 1337, 1338, 1403, 1451, 1497, 1522, 1589,
1627, 1723, 1777, 1788, 1791, 1874, 1880, 1917,
2034, 2035, 2133, 2155, 2315

GLYCINE TABACINA
2295, 2298
GLYCINE TOMENTELLA
2295, 2297, 2298
GLYCINE WIGHTII
690, 947, 1800, 2296-2298
GLYCYRRHIZA
709
GLYCYRRHIZA GLABRA
136, 1409, 1488, 1608, 1897, 2227
GLYCYRRHIZA URALENSIS
1608
GOEBELIA ALOPECUROIDES
50, 51, 2130
GOMPHRENA
683
GOSSYPIUM
15, 16, 32-34, 58, 123, 124, 129, 182, 198,
255, 256, 334, 340, 466, 467, 514, 519, 534,
586, 540, 710, 902, 982, 983, 1009, 1087, 1120,
1135, 1139, 1140, 1155, 1168, 1252, 1259, 1321,
1322, 1359, 1389, 1455, 1492, 1495, 1496, 1516,
1594, 1625, 1650, 1660, 1681, 1687, 1694, 1697,
1780, 1854, 1866, 1890, 1912, 1918, 1952, 1960-
1963, 1995, 1996, 2012, 2027, 2028, 2043, 2058,
2060, 2063, 2065, 2067, 2072, 2076, 2081, 2237,
2244, 2247, 2354
GOSSYPIUM ARBOREUM
25
GOSSYPIUM BARBADENSE
68, 94, 571, 573, 639, 668, 669, 849-851, 853,
854, 1096, 1250, 1251, 1493, 1644, 1806, 1899,
2346
GOSSYPIUM HERBACEUM
1377-1380, 1493, 2346
GOSSYPIUM HIRSUTUM
25, 89, 91, 128, 303, 355, 377, 536-538, 540,
543, 574, 676, 702, 703, 712, 717, 718, 849-
851, 853, 854, 883, 914-916, 1084, 1088, 1105,
1138, 1204, 1250, 1251, 1485, 1491, 1493, 1609,
1644, 2057, 2059, 2066, 2075, 2077, 2078, 2127,
2169, 2240, 2246, 2346
GOSSYPIUM NEGLECTUM
1493
GRAMMITIS KERGUENENSIS
943
GRAYIA SPINOSA
1463
HAKEA INTERMEDIA
1393
HAKEA IVORYI
1393

HAKEA LOREA
 1393
 HALIMICNE PORTULACOIDES
 380, 630
 HALIMODENDRON HALODENDRON
 2043, 2092
 HALOCHARIS HISPIDA
 1090
 HALOCNEMUM STROBILACEUM
 54, 122, 584, 753, 815, 1090, 1825, 1959, 2248
 HALODULE
 1369
 HALOGETON GLOMERATUS
 813, 1696, 1749
 HALOPEPLIS AMPLEXICAULIS
 1959
 HALOPHILA
 1369
 HALOSTACHYS CASPICA
 2227
 HALOXYLON RECURVUM
 46
 HAMAMELIS VIRGINIANA
 1364
 HEDERA
 671
 HEDERA CANARIENSIS
 229, 1516
 HEDERA HELIX
 502, 1956
 HELEOCHARIS DUCILIS
 2131
 HELEOCHARIS PALUSTRIS
 2199
 HELIANTHUS
 1357, 2350, 2352
 HELIANTHUS ANNUUS
 52, 95, 251, 326, 401, 544, 673, 699, 706, 719,
 755, 893, 980, 1073, 1198, 1303, 1333, 1450,
 1511, 1513, 1518, 1573, 1604, 1627, 1694, 1697,
 1728, 1801, 1860, 1861, 1893, 1910, 2003, 2013,
 2074, 2225
 HELIANTHUS TUBEROSUS
 536
 HELIOTROPIMUM CURASTAVICUM
 1869
 HEMEROCALLIS FLAVA
 2340
 HEMEROCALLIS MINOR
 2340
 HEMIANDRA PUNGENS
 42

HETEROTHECA SUPAXILLARIS
 1536, 1537, 2039
 HIBISCUS
 1516
 HIBISCUS CANNABINUS
 2131
 HIBISCUS ESCULENTUS
 56, 147, 1105, 1432, 1577
 HIBISCUS ROSA-SINENSIS
 229
 HIBISCUS SABDAFFA
 572
 HILARIA JAMESII
 1463
 HIPPOPHAE RHAMNOIDES
 1841, 1842, 2091
 HOLCUS LANATUS
 728
 HOLOPTELEA INTEGRIFOLIA
 2314
 HORDEUM
 1115, 2054
 HORDEUM DISTICHON
 784, 785
 HORDEUM DISTICHUM
 759
 HORDEUM JUBATUM
 505, 1260, 2190, 2195, 2196, 2199, 2306
 HORDEUM MARINUM
 779, 1405, 1533
 HORDEUM MARITIMUM
 1825
 HORDEUM MURINUM
 1533, 1825
 HORDEUM SECALINUM
 961

HORDEUM VULGARE

1. 3. 4. 10. 35. 36. 82. 84. 90. 103. 104. 110.
 112. 125. 147. 148. 162. 189-191. 193. 225.
 255. 256. 275. 306. 307. 317. 326. 327. 332.
 334. 400. 402. 403. 415. 466. 467. 474. 506.
 518-520. 533. 536. 538. 540. 575. 577. 578.
 580. 583-585. 587. 588. 599. 600. 605. 610.
 615. 616. 673. 693. 714. 715. 750. 755. 759-
 763. 766. 770. 771. 776. 785. 797. 827. 846-
 848. 857. 862. 896. 910. 948. 950. 983. 986.
 999. 1023-1025. 1048. 1082. 1084. 1088. 1105.
 1113. 1114. 1145. 1146. 1183. 1186. 1207. 1227.
 1238-1240. 1254. 1260. 1262. 1303. 1321. 1322.
 1329. 1332. 1336. 1344. 1356-1359. 1377. 1405.
 1411. 1441. 1444. 1449. 1452. 1470. 1476. 1510.
 1512. 1514. 1516. 1529. 1579. 1582. 1599-1601.
 1616. 1641. 1643. 1654. 1668. 1694. 1718. 1720.
 1728. 1741. 1742. 1798. 1801. 1813. 1819-1821.
 1823. 1845. 1867. 1890. 1935. 1940. 1942. 1943.
 1950. 1956. 1961. 2043. 2045. 2052. 2053. 2063.
 2074. 2075. 2081. 2115. 2123. 2136. 2142. 2149.
 2173. 2174. 2178. 2179. 2181-2184. 2186. 2187.
 2225. 2226. 2246. 2264. 2281. 2294. 2322. 2341.
 2350-2352

HYACINTHUS

1229

HYDRANGEA

1516

HYDROCOTYLE BONARIENSIS

2039

HYMENOPHYLLUM PELTATUM

943

HYPERICUM PERFORATUM

609

HYPERTELIS VERRUCOSA

2007

ILEX CORNUTA

229

ILEX OPACA

450. 2273

ILEX VOMITORIA

301. 2273. 2274

INDIGOFERA TRIFOLIATA

1160

INOCARPUS EDULIS

2131

INULA

524

INULA CRITHMOIDES

584. 728

INULA DYSENTERICA

259

IPOMOEA BATATAS

536. 772. 1084. 1088. 1228. 2131

IRIS

259

IRIS PSEUDACORUS

1710

ISOMERIS ARBOREA

1668

IVA ANNUA

2196. 2198. 2199

IVA FRUTESCENS

1536

IVA IMBRICATA

301. 302. 1536. 2039. 2274

JAUMEA CARNOSA

169

JUGLANS

537. 845. 1092

JUGLANS CINEREA

2129

JUGLANS NIGRA

180. 204. 780. 926. 1220. 1424. 1426. 2091

JUGLANS REGIA

724. 809. 1084. 1520. 1739. 1859. 2164

JUNCUS ALPINO-ARTICULATUS

1785. 1786

JUNCUS ARTICULATUS

1786

JUNCUS BUFONIUS

1785. 1786

JUNCUS GERARDI

380. 856. 1785-1787

JUNCUS INFLEXUS

609

JUNCUS MARITIMUS

306-308. 380. 404. 1785. 1786. 2248

JUNCUS MEGACEPHALUS

1537

JUNCUS SCHEUCHZERIAOIDES

943

JUNCUS SUBULATUS

1959

JUNIPERUS CHINENSIS

213. 229. 595

JUNIPERUS CHINENSIS "PFITZERANA"

829. 2091

JUNIPERUS COMMUNIS

1440

JUNIPERUS CONFERTA

2043

JUNIPERUS HORIZONTALIS "PLUMOSA"

829. 2091

JUNIPERUS SABINA
 1886
 JUNIPERUS SQUARROSA
 683
 JUNIPERUS VIRGINIANA
 1424, 1426, 1440, 1752, 1949, 2091, 2259, 2273
 KALANCHOE
 1516
 KALIDIUM
 524
 KANDELIA RHEEDEI
 1869
 KARELINIA CASPICA
 524
 KOCHIA AMERICANA
 406
 KOCHIA AMOENA
 42
 KOCHIA BREVIFOLIA
 487, 488, 1313
 KOCHIA CHILDSII
 1425
 KOCHIA INDICA
 1313
 KOCHIA PROSTRATA
 642, 753, 1090
 KOCHIA SCOPARIA
 1424, 2196, 2306
 KOELREUTERIA
 1084, 1088
 KOELREUTERIA PANICULATA
 1364
 LABLAB PURPUREUS
 1800
 LABURNUM ANAGYROIDES
 330
 LACTUCA SATIVA
 113, 197, 225, 313, 407, 454, 455, 536, 555,
 597, 777, 1109, 1186, 1254, 1297, 1341, 1346,
 1352, 1354, 1359, 1482, 1507, 1544, 1546, 1547,
 1687, 1766-1768, 1857, 1929, 1956, 2022, 2024,
 2026, 2054, 2217
 LAGUNARIA PATERSONII
 42, 1255
 LANTANA CAMARA
 213, 229
 LARIX DECIDUA
 1020, 2092
 LARIX LEPTOLEPIS
 2092
 LARIX SIBIRICA
 705

LARREA DIVARICATA
 1763
 LARREA TRIDENTATA
 1463, 2043
 LASTHENIA GLABRATA
 1110
 LATHYRUS JAPONICUS
 170
 LATHYRUS LITTORALIS
 170
 LATHYRUS ODORATUS
 536, 2284
 LATHYRUS SATIVUS
 85
 LAURUS
 671
 LAVATERA ARBOREA
 1331
 LENS CULINARIS
 466, 467, 848, 1748, 1749
 LENS ESCULENTA
 1377
 LEONTODON HISPIDUS
 609
 LEONTODON TARAXACOIDES
 609
 LEONTOPODIUM ALPINUM
 327
 LEPIDIUM CARTILAGINEUM
 1748
 LEPIDIUM CRASSIFOLIUM
 1748, 2272
 LEPIDIUM PERFOLIATUM
 396, 753
 LEPIDIUM SATIVUM
 1229
 LEPIDIUM VIRGINICUM
 1537
 LEPTILON CANADENSE
 1536, 1537
 LEPTOCHLOA FASCICULARIS
 2196
 LEPTOSPERMUM LAEVIGATUM
 42, 1255
 LEPTURUS FILIFORMIS
 1825
 LEPTURUS INCURVATUS
 1825
 LESPEDEZA CUNEATA
 959
 LIBOCEDRUS DECURRENS
 1668

LIGUSTRUM

671, 724, 1236, 1842

LIGUSTRUM AMURENSE

829, 1264

LIGUSTRUM JAPONICUM

958

LIGUSTRUM LUCIDUM

213, 229

LIGUSTRUM OVALIFOLIUM

928, 2277

LIGUSTRUM VULGARE

330, 724, 1841, 2092, 2129

LILIUM

1508, 1863

LILIUM LONGIFLORUM

1131

LIMONIASTRUM MONOPETALUM

122

LIMONIUM CAROLINIANUM

856, 2039

LIMONIUM GMELINII

753, 961

LIMONIUM MEYERI

134

LIMONIUM SUFFRUTICOSUM

54, 753

LIMONIUM VULGARE

380

LIMOSELLA AUSTRALIS

943

LINUM

2322

LINUM USITATISSIMUM

1, 17, 18, 52, 189-191, 193, 530, 612, 848,
880, 1084, 1088, 1226, 1321, 1322, 1377, 1412,
2096, 2012

LIPPIA CANSCENS

2043

LIPPIA LANCEOLATA

2039

LIPPIA NODIFLORA

301

LIQUIDAMBAR STYRACIFLUA

1241

LIRIODENDRON TULIPIFERA

829, 920, 1174, 1440, 1754

LIVISTONA CHINENSIS

1363

LOLIUM

475, 575, 608, 1668

LOLIUM ITALICUM

1746

LOLIUM MULTIFLORUM

444, 658, 848, 1084, 1088, 1519, 1521, 1932,
1935, 2332, 2343

LOLIUM PERENNE

142, 172, 255, 346, 440-444, 473, 549, 658,
848, 940, 1000, 1359, 1516, 1517, 1519, 1521,
1627, 1997, 2115, 2161, 2332, 2343

LOLIUM RIGIDUM

339, 658, 1405, 1668, 2342

LONICERA

343, 671, 1215, 1216

LONICERA AMOENA VAR ALBA

2091

LONICERA CAERULEA

2091

LONICERA FUCHSIA

1331

LONICERA JAPONICA

354, 1424, 1426, 2043

LONICERA MAACKII

2091

LONICERA PERICLYMENUM

1331, 2091

LONICERA TATARICA

829, 2091, 2129

LONICERA TATARICA "ZABELII"

2091

LONICERA XYLOSTEUM

342, 1841, 1842, 2091

LOTONONIS BAINESII

72, 1800

LOTUS CORNICULATUS

106, 1000, 1748, 1749, 2343

LOTUS SILIQUOSUS

1748

LOTUS SUBPINNATUS

1818

LOTUS TENUIS

1748, 1749

LOTUS ULIGINOSUS

106

LUFFA CYLINDRICA

1325, 1577

LUMNITZERA RACEMOSA

1869

LUPINUS

447, 510, 986, 1778, 2012, 2176, 2225, 2349

LUPINUS ALBUS

317, 1014, 1086, 1087, 1788, 1791

LUPINUS HARTWEGII

536

LUPINUS HIRSUTUS

1777

LUPINUS LUTEUS
82. 683

LYCIUM
359. 671

LYCIUM ANDERSONII
93. 2255

LYCIUM BARBARUM
960. 1842

LYCIUM CHINENSE
2092. 2117

LYCIUM CHOCKLEYI
93

LYCIUM FREMONTII
2043

LYCIUM HALIMIFOLIUM
724. 2092

LYCIUM PALLIDUM
93

LYCOPERSICON CHEESMANII
599. 1799

LYCOPERSICON ESCULENTUM
83. 92. 100. 131. 142. 176. 233. 255. 262. 288.
295. 334. 407. 408. 416. 475. 528. 536-538.
540. 543. 555. 581. 590. 596. 597. 599. 619.
626. 681. 726. 751. 817. 875. 876. 893. 898.
899. 976. 983. 998. 1029. 1042. 1043. 1059.
1120. 1138. 1186. 1199. 1248. 1254. 1259. 1270.
1276. 1290. 1297. 1319. 1344. 1346. 1356. 1359.
1371. 1372. 1378-1380. 1462. 1482. 1513. 1516.
1518. 1543. 1546. 1547. 1549. 1626. 1662. 1666.
1687. 1697. 1730. 1798. 1799. 1814. 1850. 1857.
1862. 1885. 1893. 1895. 1928. 1929. 1935. 1944.
1945. 1961. 2001. 2018. 2023. 2024. 2026. 2052.
2053. 2063. 2069. 2075. 2118-2121. 2142. 2143.
2162. 2225. 2251. 2252. 2320. 2341

LYCOPERSICON PERUVIANUM
2119. 2121

LYCOPODIUM MAGELLANICUM
943

LYCOPODIUM SAUBURUS
943

MACLURA
671

MACROPTILIMUM ATROPURPUREUM
1800

MACROPTILIMUM LATHYROIDES
1800

MACROTYLOMA UNIFLORUM
1800

MAHONIA BEALEI
1136

MALACHRA CAPITATA
1869

MALCOLMIA MARITIMA
1757

MALUS
595. 840. 1842. 1961. 2094. 2095

MALUS "HOPA"
2092

MALUS "RADIANT"
2092

MALUS BACCATA
2347. 2348

MALUS DOLGO
2092

MALUS PUMILA
2279

MALUS SYLVESTRIS
180. 236. 345. 477. 488. 491. 492. 500. 835.
918. 965. 1264. 1520. 1632. 1638. 1659. 2092

MALVA
1627

MALVASTRUM FREMONTII
1313

MANGIFERA INDICA
369. 423. 425. 1022. 1057

MANIHOT ESCULENTA
1002

MATRICARIA CHAMOMILLA
375

MATRICARIA MARITIMA
259

MATTHIOLA
1516

MATTHIOLA INCANA
1284

MEDICAGO
2149

MEDICAGO ARABICA
1519. 1521

MEDICAGO CILIARIS
765

MEDICAGO DENTICULATA
765. 2340

MEDICAGO FALCATA
792

MEDICAGO HISPIDA
765. 1778. 2340

MEDICAGO INTERTEXTA
765

MEDICAGO LITTORALIS
1800

MEDICAGO LUPULINA
765. 2343

MEDICAGO MINIMA
765

MEDICAGO MUREX
765
MEDICAGO OBSCURA
765
MEDICAGO RETICULATA
765
MEDICAGO RIGIDULATA
765
MEDICAGO RUGOSA
765
MEDICAGO SATIVA
1. 3. 6. 7. 38. 76. 112. 129. 224. 226. 231.
232. 238. 255. 298. 322. 327. 332-334. 376.
377. 475. 510-512. 536-538. 540. 543. 555. 604.
608. 638-640. 694. 755. 792. 831. 838. 846-848.
895. 900. 912. 947. 977. 1000. 1084. 1086-1088.
1120. 1139. 1140. 1156. 1182. 1186. 1202. 1210.
1211. 1213. 1223. 1247. 1254. 1259. 1273. 1303.
1345. 1346. 1359. 1405. 1452. 1456. 1475. 1479.
1519. 1521. 1582. 1627. 1654. 1718. 1737. 1748.
1749. 1765. 1777. 1788. 1791. 1797. 1800. 1892.
1932. 1935. 1942. 1960. 1961. 1963. 2043. 2045.
2047. 2087. 2088. 2103. 2112. 2115. 2134. 2188.
2191. 2210. 2244. 2258. 2337. 2343
MEDICAGO SCUTELLATA
765. 1800
MEDICAGO TEREELLUM
765
MEDICAGO TRUNCATULA
1800
MEDICAGO TUBERCULATA
765
MEDICAGO TURBINATA
765
MELALEUCA BAXTERI
42
MELALEUCA CUTICULARIS
42
MELALEUCA DIOSMIFOLIA
42
MELALEUCA HUECOLLI
42
MELALEUCA NESOPHILA
42
MELALEUCA PUBESCENS
1255
MELIA
671
MELIA AZEDARACH
1084. 1088. 2164
MELILOTUS
38. 410. 638. 848. 1133. 1961. 1969. 2340

MELILOTUS ALBA
331. 1000. 1084. 1088. 1186. 1475. 1746. 1748.
1749. 1963. 1968. 1986. 2016. 2073. 2343
MELILOTUS DENTATUS
1968
MELILOTUS INDICA
536. 1745
MELILOTUS OFFICINALIS
1214. 1968
MELILOTUS PARVIFLORA
238
MELILOTUS TAURICUS
1968
MELILOTUS VOLGICUS
1968
MENTHA ARVENSIS
375
MENTHA PIPERITA
375
MENTZELIA DISPERSA
1818
MENYANTHES TRIFOLIATA
961
MESEMBRYANTHEMUM CHILENSE
169
MESEMBRYANTHEMUM CRYSTALLINUM
2007. 2301
MESEMBRYANTHEMUM GENICULIFLORUM
2007
MESEMBRYANTHEMUM NODIFLORUM
2160. 2248. 2300
MESSERSCHMIDIA ARGENTEA
1230
METASEQUOIA GLYPTOSTROBOIDES
1081. 1814. 2114
METROSIDEROS
42
MIMULUS BOLANDER
1818
MONTIA FONTANA
943
MORUS
180. 671. 845. 1215. 1216
MORUS ALBA
1088. 1471. 1520. 1664. 2092. 2347. 2348
MORUS ALBA VAR TARTARICA
1471
MORUS BOMBYCIS
928
MORUS NIGRA
724
MORUS RUBRA
2129

MUCUNA COCHINCHINENSIS
 1000
 MUEHLENBECKIA ADPRESSA
 1255
 MUHLENBERGIA ASPERIFOLIA
 658
 MUHLENBERGIA CAPILLARIS
 2039
 MUHLENBERGIA RICHARDSONIS
 505
 MUSA
 617
 MUSA PARADISIACA
 369
 MYOPORUM INSULARE
 42, 1255
 MYOPORUM PARVIFOLIUM
 1668
 MYRICA CERIFERA
 1537, 2273, 2274
 MYRICA RUBRA
 950
 NANDINA DOMESTICA
 229
 NANOPHYTUM ERINACEUM
 1090
 NERIUM
 671
 NERIUM INDICUM
 958
 NERIUM OLEANDER
 213, 229, 1084
 NICOTIANA
 1166
 NICOTIANA RUSTICA
 185, 186, 1419, 1421, 1971, 2223
 NICOTIANA TABACUM
 81, 82, 682, 685, 786-788, 980, 1133, 1184,
 1320, 1322, 1367, 1376, 1378-1380, 1403, 1420,
 1621, 1650, 1687, 1929, 1935, 2268
 NICOTIANA TOMENTOSA
 536
 NITRARIA BILLARDIERI
 393
 NITRARIA REFUSA
 393, 2248
 NITRARIA ROBOROWSKII
 393
 NITRARIA SCHROBERI
 1255
 NITRARIA SPHAEROCARPA
 393

NOLANA PARADOXA
 1132
 NYSSA SYLVATICA
 1440
 OBIONE PORTULACOIDES
 1748
 OBIONE VERRUCIFERA
 753
 OCIMUM KILIMANESCHARICUM
 375
 OENANTHE AQUATICA
 961
 OENOTHERA DRUMMONDII
 2039
 OENOTHERA HUMIFUSA
 1537, 1039
 OENOTHERA MICRANTHA
 1818
 OENOTHERA PARVIFLORA
 1786
 OLEA
 671, 1186
 OLEA EUROPAEA
 8, 70, 258, 334, 477, 1146, 1568, 1779, 1961,
 2109, 2110
 OLEARIA AXILLARIS
 1255
 ONOBRYCHIS VICIIFOLIA
 1303, 2210
 ONONIS REPENS
 1331
 OPUNTIA
 1818
 OPUNTIA DRUMMONDII
 2039
 OPUNTIA HUMIFUSA
 457
 ORIGANUM VULGARE
 609
 ORNITHOPUS ROSEUS
 82
 ORYZA COARCTATA
 154

17th Nov 1944

| | |
|-----|------|
| 1 | 100% |
| 2 | 100% |
| 3 | 100% |
| 4 | 100% |
| 5 | 100% |
| 6 | 100% |
| 7 | 100% |
| 8 | 100% |
| 9 | 100% |
| 10 | 100% |
| 11 | 100% |
| 12 | 100% |
| 13 | 100% |
| 14 | 100% |
| 15 | 100% |
| 16 | 100% |
| 17 | 100% |
| 18 | 100% |
| 19 | 100% |
| 20 | 100% |
| 21 | 100% |
| 22 | 100% |
| 23 | 100% |
| 24 | 100% |
| 25 | 100% |
| 26 | 100% |
| 27 | 100% |
| 28 | 100% |
| 29 | 100% |
| 30 | 100% |
| 31 | 100% |
| 32 | 100% |
| 33 | 100% |
| 34 | 100% |
| 35 | 100% |
| 36 | 100% |
| 37 | 100% |
| 38 | 100% |
| 39 | 100% |
| 40 | 100% |
| 41 | 100% |
| 42 | 100% |
| 43 | 100% |
| 44 | 100% |
| 45 | 100% |
| 46 | 100% |
| 47 | 100% |
| 48 | 100% |
| 49 | 100% |
| 50 | 100% |
| 51 | 100% |
| 52 | 100% |
| 53 | 100% |
| 54 | 100% |
| 55 | 100% |
| 56 | 100% |
| 57 | 100% |
| 58 | 100% |
| 59 | 100% |
| 60 | 100% |
| 61 | 100% |
| 62 | 100% |
| 63 | 100% |
| 64 | 100% |
| 65 | 100% |
| 66 | 100% |
| 67 | 100% |
| 68 | 100% |
| 69 | 100% |
| 70 | 100% |
| 71 | 100% |
| 72 | 100% |
| 73 | 100% |
| 74 | 100% |
| 75 | 100% |
| 76 | 100% |
| 77 | 100% |
| 78 | 100% |
| 79 | 100% |
| 80 | 100% |
| 81 | 100% |
| 82 | 100% |
| 83 | 100% |
| 84 | 100% |
| 85 | 100% |
| 86 | 100% |
| 87 | 100% |
| 88 | 100% |
| 89 | 100% |
| 90 | 100% |
| 91 | 100% |
| 92 | 100% |
| 93 | 100% |
| 94 | 100% |
| 95 | 100% |
| 96 | 100% |
| 97 | 100% |
| 98 | 100% |
| 99 | 100% |
| 100 | 100% |

ORYZA SATIVA

35, 36, 43-49, 55, 59, 60, 69, 78, 80, 154,
155, 250, 252-254, 370, 372, 373, 379, 395,
459, 464-467, 469, 470, 478, 482, 489, 531,
558-560, 603, 647, 648, 657, 714, 722, 823,
824, 859, 886, 956, 957, 962-973, 989-996,
1000, 1008, 1010, 1011, 1023, 1035, 1046, 1048-
1050, 1052, 1053, 1069, 1071, 1078, 1082, 1084,
1116, 1123, 1134, 1149, 1164, 1219, 1246, 1259,
1305, 1321, 1322, 1327, 1377, 1396-1398, 1402,
1410, 1416, 1422, 1452, 1457-1459, 1461, 1468,
1525, 1527-1530, 1559, 1561, 1562, 1564, 1565,
1569-1572, 1575, 1581, 1584-1587, 1591, 1601,
1603, 1607, 1610-1612, 1614-1617, 1622, 1628,
1645, 1646, 1692, 1697, 1706-1708, 1712, 1716,
1746, 1758, 1808, 1815, 1907, 1926, 1927, 1930,
1933-1939, 1956, 1950, 1989, 1993, 1994, 2004,
2033, 2056, 2083, 2089, 2104-2108, 2111, 2116,
2149, 2163, 2168, 2213, 2215, 2224, 2246, 2318,
2319, 2329

ORYZOPSIS HYMENOIDES

1463

ORYZOPSIS MILIACEA

6, 7, 1669

OSMANTHUS AMERICANUS

2273

PANDERIA TURKESTANICA

524

PANICUM AMARULUM

1871, 1872

PANICUM ANTIDOTALE

6, 7, 701, 704, 1000, 1805, 2043

PANICUM COLORATUM

6, 7, 487, 1800

PANICUM MAXIMUM

6, 7, 1800

PANICUM MILIACEUM

1084, 1088, 1115, 1431, 1724

PANICUM MILLIARE

1431

PANICUM PURPURASCENS

148

PANICUM TURGIDUM

6, 7

PARKINSONIA ACULEATA

1668, 1869

PARNASSIA PALUSTRIS

1786

PARTHENIUM ARGENTATUM

1750, 2239, 2243

PARTHENOCISSUS QUINQUEFOLIA

1537, 2092

PASPALUM DILATATUM

299, 618, 1312, 1800

PASPALUM DISTICHUM

551

PASPALUM NOTATUM

1675

PASPALUM NOTATUM SAURAE

1668

PASPALUM SCROBICULATUM

1377

PASPALUM VAGINATUM

336, 318, 487, 779, 1312, 1313, 1315, 1374,
1405, 1438, 2135

PASTINACA SATIVA

2153

PELARGONIUM

1121

PELARGONIUM HORTORUM

1125

PENNISETUM

2320

PENNISETUM CILIARE

701, 704

PENNISETUM CLAUDESTINUM

1800

PENNISETUM TYPHOIDES

14, 20, 485, 682, 931, 933, 934, 997, 1000,
1162, 1164, 1321, 1328, 1377-1380, 1601, 1663,
1697, 1824, 1976, 1988

PENSTEMON

1150

PENSTEMON HETEROPHYLLUS

1818

PEPEROMIA

1362

PEPILLA FRUTESCENS

2065

PERSEA AMERICANA

105, 108, 109, 183, 268, 271, 312, 419, 420,
423, 425, 435, 477, 537, 555, 593, 594, 613,
793, 794, 799, 801-804, 807-810, 920, 1054,
1056, 1339, 1340, 1342, 1346, 2137, 2257, 2279

PERSEA BORBONIA

2273

PERSEA FLOCCOSA

2257

PETROSELINUM CRISPUM

536, 1546, 1928

PETROSIMONIA BRACHIATA

54, 2227

PETROSIMONIA CRASSIFOLIA

1090

PETUNIA

1150

PETUNIA HYBRIDA

1362, 1424, 1425, 1736

PHACELIA TANACETIFOLIA

1749

PHALARIS ARUNDINACEA

608, 638, 1365, 1366, 1762

PHALARIS CANARIENSIS

1825

PHALARIS TUBEROSA

1668, 2332

PHASEOLUS

1000, 1730, 2097, 2322

PHASEOLUS ACONITIFOLIUS

932, 986, 1000

PHASEOLUS ACUTIFOLIUS

848, 903

PHASEOLUS ACUTIFOLIUS VAR LATIFOLIUS

2320

PHASEOLUS ATROPURPUREUS

947

PHASEOLUS AUREUS

29, 394, 1043, 1105, 1164, 1320, 1377, 1810,

1902, 1903, 1980

PHASEOLUS BRACTEATUS

947

PHASEOLUS LANATUS

986

PHASEOLUS LATHYROIDES

947

PHASEOLUS LIMENSIS

1686, 1687, 1996

PHASEOLUS LUNATUS

536, 903, 1627

PHASEOLUS MULTIFLORUS

2264

PHASEOLUS MUNGO

238, 1322, 1377, 1574, 1697, 1979, 2246

PHASEOLUS VULGARIS

112, 114, 116-119, 121, 171, 189, 190, 199,
 217, 232, 255, 299, 325, 401, 413, 416, 454,
 455, 475, 483, 514, 519, 523, 536-538, 555,
 574, 597, 605, 620, 640, 646, 655, 676, 681,
 695-697, 707, 769, 848, 869, 903, 913, 914,
 946, 980, 986, 987, 1012, 1017-1019, 1043,
 1059, 1083, 1112-1114, 1123, 1146, 1158, 1170,
 1171, 1176-1181, 1186, 1198, 1207, 1249, 1267-
 1269, 1271, 1272, 1274, 1275, 1286, 1294, 1297,
 1300, 1303, 1364, 1382-1386, 1395, 1407, 1422,
 1439, 1470, 1478, 1481-1483, 1485, 1486, 1499-
 1502, 1505, 1506, 1516, 1543, 1546-1549, 1553,
 1566, 1573, 1609, 1626, 1627, 1666, 1676-1679,
 1685-1688, 1765, 1766, 1791, 1803, 1850, 1928,
 1931, 1941, 1956, 1958, 1961, 1963, 1996, 2053,
 2126, 2133, 2149, 2179, 2180, 2183, 2185-2187,
 2232, 2234, 2235, 2238, 2241, 2244, 2253, 2264,
 2279, 2286, 2287, 2292

PHELLOPTERUS LITTORALIS

2113

PHILADELPHUS CORONARIUS

330, 2092

PHILODENDRON CORDATUM

1362

PHLEUM ARENARIUM

1825

PHLEUM PRATENSE

172, 444, 783, 848, 900, 1088, 1519, 1521,
 1813, 2343

PHLOX

1150

PHOENIX CANARIENSIS

1084, 1088, 1638

PHOENIX DACTYLIFERA

659, 660, 663, 664, 666, 904, 1084, 1088, 1106,
 1428, 1638, 1963, 2211

PHOENIX PALUDOSA

1869

PHOLIURUS INCURVUS

779, 1405

PHORMIUM

42

PHRAGMITES COMMUNIS

54, 64, 380, 658, 961, 1959, 2113, 2227

PHYSALIS MARITIMA

301, 302

PHYSALIS VISCOSA

1537, 2039

PHYSOCARPUS OPULIFOLIUS "NANUS"

2092

PHYTOLACCA AMERICANA

302



PICEA
 2040, 2275
 PICEA ABIES
 607, 683, 829, 1015, 2092, 2157, 2158
 PICEA EXCELSA
 683
 PICEA GLAUCA
 445, 550, 2084, 2092
 PICEA GLAUCA VAR DENSATA
 2092
 PICEA PUNGENS
 1424, 1426, 1440, 2092, 2259
 PICEA SITCHENSIS
 550
 PICRIS ECHIOIDES
 2007
 PILEA
 1362
 PIMELEA FERRUGINEA
 42
 PIMENTA DIOICA
 475
 PINUS
 57, 671, 780, 924, 1020, 1215, 1216, 1392,
 1756
 PINUS CARIBAEA
 1187
 PINUS CEMBRA
 2092
 PINUS CONTORTA
 1408
 PINUS DENSIFLORA
 981, 2021, 2117, 2330
 PINUS ELDARICA
 1886
 PINUS ELLIOTTII
 476, 1241
 PINUS HALEPENSIS
 1255, 1668
 PINUS KORAIENSIS
 2021
 PINUS MUCCO
 917, 2092
 PINUS MURICATA
 550
 PINUS NIGRA
 181, 471, 549, 595, 820, 917, 1264, 1440, 2037,
 2092
 PINUS NIGRA VAR CALABRICA
 550
 PINUS PINASTER
 550, 1241

PINUS PONDEROSA
 1203, 1424, 1426, 2030, 2037, 2038, 2092
 PINUS RADIATA
 1347, 1348, 2005, 2305
 PINUS RESINOSA
 471, 820, 1440, 1473, 1751-1753, 1949, 2051,
 2092, 2093
 PINUS RIGIDA
 181, 257, 1440, 2021, 2259
 PINUS SEROTINA
 1241
 PINUS STROBUS
 181, 300, 445, 471, 607, 820, 821, 829, 917,
 920, 922, 926, 1137, 1263, 1264, 1364, 1439,
 1751-1753, 1949, 1964, 2010, 2011, 2051, 2092,
 2259, 2279
 PINUS SYLVESTRIS
 445, 468, 471, 607, 683, 820, 917, 1015, 1020,
 1152, 1440, 1689, 1886, 1964, 2092, 2221, 2259
 PINUS TAEDA
 450, 1187, 1241, 2274
 PINUS THUNBERGIANA
 1058
 PINUS THUNBERGII
 181, 928, 981, 1058, 1350, 1439, 2021, 2330
 PINUS VIRGINIANA
 450, 451, 1241
 PISTACIA
 671
 PISTACIA MUTICA
 1520
 PISTACIA VERA
 1595
 PISUM
 2340
 PISUM SATIVUM
 82, 102, 165, 189-191, 193, 238, 317, 447, 452,
 466, 467, 481, 497, 536, 585, 608, 631-633,
 672, 681, 717, 789, 790, 846, 847, 864-868,
 987, 1005, 1007, 1021, 1040, 1041, 1043-1045,
 1061, 1062, 1080, 1084, 1088, 1122, 1229, 1238,
 1243, 1303, 1334, 1377-1380, 1422, 1435, 1436,
 1452, 1482, 1486, 1538, 1573, 1626, 1627, 1657,
 1665, 1669-1674, 1687, 1700, 1701, 1728, 1777,
 1778, 1788, 1791, 1803, 1879, 1944, 1961, 1987,
 2045, 2053, 2068, 2079, 2082, 2126, 2133, 2149,
 2182, 2186, 2187, 2202, 2204-2209, 2225, 2264,
 2269, 2271, 2322, 2341
 PITTOSPORUM
 671
 PITTOSPORUM CRASSIFOLIUM
 42, 1255

PITTOSPORUM TOSIRA
 213, 229
 PLANTAGO CORNUTI
 709, 961
 PLANTAGO CORONOPUS
 728, 1331, 1661, 1825
 PLANTAGO INDICA
 2229
 PLANTAGO LANCEOLATA
 259, 2229
 PLANTAGO MAJOR
 259, 440, 473, 2229
 PLANTAGO MARITIMA
 259, 380, 709, 856, 960, 961, 1661, 1748, 1970,
 2229, 2272
 PLANTAGO SALSA
 709
 PLATANUS
 1756
 PLATANUS ACERIFOLIA
 724, 1220, 1222, 1236
 PLATANUS ORIENTALIS
 780, 959, 1084, 1088
 PLUCHEA SERICEA
 1818
 POA
 658
 POA AMPLA
 2332
 POA ANNUA
 440, 441, 473
 POA ARIDA
 2196, 2199
 POA BULBOSA
 753, 1090
 POA COOKII
 943
 POA PALUSTRIS
 2343
 POA PRATENSIS
 172, 346, 440-444, 473, 479, 536, 849, 900,
 940, 1279, 1287, 1516, 1517, 1748, 1997, 2055,
 2139-2141, 2216, 2277, 2282
 POA SECUNDA
 1463
 FODOCARPUS MACROPHYLLUS
 959
 POLYGONUM AVICULARE
 2199
 POLYGONUM FAGOPYRUM
 960
 POLYGONUM RAMOSISSIMUM
 2196

POLYPOGON MARITIMUS
 1825
 POLYPOGON MONSPELIENSIS
 1961
 POLYSTICHUM MARIONENSE
 943
 PCNCIRUS TRIFOLIATA
 589, 662, 800, 905, 906, 1302
 PONGAMIA PINNATA
 2314
 POPULUS
 343, 345, 501, 780, 1215, 1216, 1471, 1659,
 1664
 POPULUS ACUMINATA
 2092
 POPULUS ALBA
 345, 724, 928, 1236, 1659, 2092
 POPULUS ANGUSTIFOLIA
 2092
 POPULUS BALSAMIFERA
 1220, 2092
 POPULUS BEROLINENSIS
 1222
 POPULUS CANADENSIS
 724, 1258, 2092
 POPULUS CANESCENS
 724, 2092
 POPULUS DELTOIDES
 2084, 2092
 POPULUS EUROAMERICANA
 330
 POPULUS FREMONTII
 1084, 1088, 1668
 POPULUS GRANDIDENTATA
 1949, 2092
 POPULUS LAURIFOLIA
 2092, 2347, 2348
 POPULUS NIGRA
 330, 480, 1659, 1756, 2092, 2348
 POPULUS NIGRA "ITALICA"
 724, 2092
 POPULUS NIGRA "PLANTIERENSIS"
 2092
 POPULUS NIGRA VAR ITALICA
 928, 1236
 POPULUS NIGRA VAR PYRAMIDALIS
 2347
 POPULUS SARGENTII
 2092
 POPULUS SIMONII
 1220, 1222
 POPULUS TREMULA
 1015, 1154, 1258, 1842, 1886

POPULUS TREMULOIDES
 1637, 1752, 1753, 1949, 2084, 2092
 POPULUS TRICHOCARPA
 2092
 PORTULACA
 454, 455
 PORTULACA GRANDIFLORA
 1424, 1425
 POTENTILLA ANSERINA
 259, 961
 POTENTILLA BIFURCA
 961
 POTENTILLA FRUTICOSA
 2092
 PRIMULA
 1362, 2251
 PRINGLEA ANTISCORBUTICA
 943
 PROSOPIS
 359
 PROSOPIS FARCTA
 177, 815
 PROSOPIS GLANDULOSA
 1763, 1818
 PROSOPIS JULIFLORA
 2043, 2314
 PROSOPIS VELUTINA
 359
 PRUNELLA VULGARIS
 82
 PRUNUS
 343, 671, 835, 924, 1084, 1215, 1216, 1664,
 1790, 2303
 PRUNUS AMYGDALUS
 219, 324, 555, 834, 837, 1186, 1234, 1235,
 1520, 2245, 2322
 PRUNUS ARMENIACA
 219, 236, 324, 542, 555, 780, 834, 835, 1084,
 1186, 1234, 1434, 1437, 1520, 2002, 2147, 2245,
 2267, 2303, 2347, 2348
 PRUNUS AVIUM
 536, 834, 1220, 1222, 1234, 1842, 1849
 PRUNUS BESSEYI
 2347, 2348
 PRUNUS CERASUS
 180, 500, 1597
 PRUNUS DOMESTICA
 180, 219, 236, 324, 477, 542, 555, 780, 834-
 836, 1084, 1434, 1437, 1520, 2002, 2245, 2267,
 2303
 PRUNUS LAUROCERASUS
 2273

PRUNUS PADUS
 1842, 2092
 PRUNUS PERSICA
 219, 236, 324, 500, 536, 809, 834, 835, 837,
 877, 878, 920, 988, 1084, 1234, 1258, 1345,
 1346, 1520, 1650, 2245, 2267, 2303
 PRUNUS SALICINA
 834, 1234
 PRUNUS SEROTINA
 450, 724, 1752, 1753, 1841, 1949, 2092
 PRUNUS SERRULATA
 1220, 1222
 PRUNUS SPINOSA
 724, 1236, 1331
 PSEUDOTSUGA MENZIESII
 607, 1424, 1426, 2092
 PSIDIUM GUAJAVA
 423, 702, 2109, 2110
 PSILURUS NARDOIDES
 1825
 PTELEA TRIFOLIATA
 330
 PTERIDIUM AQUILINUM
 1331
 PTERIS SERRULATA
 2340
 PUCCINELLIA
 458, 487, 627, 1312
 PUCCINELLIA ACROXANTHA
 2007
 PUCCINELLIA AIFOIDES
 346, 348, 505, 658
 PUCCINELLIA ANGUSTA
 2007
 PUCCINELLIA BRACHYLEPIS
 392
 PUCCINELLIA CAPILLARIS
 1313, 1317, 1374
 PUCCINELLIA CILIATA
 2342
 PUCCINELLIA DISTANS
 54, 346-348, 658, 939, 940, 1279, 1287, 1517,
 1997
 PUCCINELLIA FESTUCAEFORMIS
 1535
 PUCCINELLIA FOMINII
 392
 PUCCINELLIA LERMONII
 346-348, 658, 940
 PUCCINELLIA LIMOSA
 757
 PUCCINELLIA MARITIMA
 380, 2044

PUCCINELLIA NUTTALLIANA
 1088, 1298, 2195
 PUCCINELLIA PEISONIS
 1748, 2041
 PULICARIA DYSENTERICA
 1331
 PUNICA
 671
 PUNICA GRANATUM
 1084, 1088, 1186, 1520, 1961
 PURSHIA GLANDULOSA
 1668
 PYRACANTHA GRABERJ
 213, 229
 PYRETHRUM ACHILLEIFOLIUM
 753
 PYRUS
 671, 1215, 1216
 PYRUS BACCATA
 2347, 2348
 PYRUS COMMUNIS
 180, 236, 345, 835, 1108, 1520, 2129
 PYRUS MALUS
 2129
 PYRUS SATIVA
 330
 QUERCUS
 57, 343, 607, 671, 780, 924, 1142, 1664, 1842,
 2279
 QUERCUS ACUTISSIMA
 2164
 QUERCUS ALBA
 920, 922, 926, 1752, 1753, 1790, 1949, 2084,
 2091
 QUERCUS BICOLOR
 2091
 QUERCUS BOREALIS
 330, 845, 2084
 QUERCUS CATESBAEI
 2274
 QUERCUS CERRIS
 257, 1756
 QUERCUS COCCINEA
 257
 QUERCUS DENTATA
 1157
 QUERCUS ILEX
 1756
 QUERCUS MACROCARPA
 845, 2091
 QUERCUS MUEHLENBERGII
 2091

QUERCUS PALUSTRIS
 2091
 QUERCUS PEDUNCULATA
 1220, 1222
 QUERCUS PHELLOS
 450
 QUERCUS PRINUS
 1364
 QUERCUS ROBUR
 705, 724, 1217, 1220, 1222, 1236, 1355, 1756,
 1957
 QUERCUS RUBRA
 1222, 1752, 1753, 1949, 2091
 QUERCUS VELUTINA
 920, 922, 1790
 QUERCUS VIRGINIANA
 301, 2273, 2274
 QUERCUS WISLIZENII
 1668
 RANUNCULUS BITERNATUS
 943
 RANUNCULUS CYMEALARIA
 2195
 RANUNCULUS MOSELEYI
 943
 RAPHANUS SATIVUS
 454, 455, 529, 536, 848, 860, 861, 1109, 1186,
 1301, 1319, 1341, 1345, 1346, 1482, 1486, 1489,
 1545-1547, 1600, 1687, 1853, 1856, 1928, 1963,
 2053, 2153
 RESEDA LUTEOLA
 609
 RETAMA DURIAEI
 1889
 RHAGODIA
 1255
 RHAGODIA BACCATA
 42
 RHAMNUS
 343, 671
 RHAMNUS CATHARTICA
 2092, 2129
 RHAMNUS CRENATA
 2092
 RHAMNUS DAVURICA
 2092
 RHAMNUS FRANGULA
 1842, 2092
 RHEUM TATARICA
 753
 RHIZOPHORA CONJUGATA
 1869

RHIZOPHORA MANGLE
 2042
 RHIZOPHORA MUCRONATA
 99, 1869
 RHODODENDRON
 1277, 1278, 1516, 1756, 2278
 RHODODENDRON CATAWBIENSE
 1136
 RHODODENDRON MAKINOI
 1136
 RHODODENDRON OCCIDENTALE
 1281, 1282
 RHUS
 671
 RHUS GLABRA
 450, 2091
 RHUS TRILOBATA
 1424, 1426, 2091
 RIBES
 343, 508, 671, 1142, 1215, 1216
 RIBES ALPINUM
 286, 1841, 1842, 2092
 RIBES AMERICANUM
 2092
 RIBES AUPEUM
 1659, 2092
 RIBES DIVARICATUM
 2092
 RIBES GROSSULARIA
 180
 RIBES MAGDALENAE
 2092
 RIBES NIGRUM
 180, 286, 2092, 2347
 RIBES SATIVUM
 180
 RICINUS COMMUNIS
 5, 292, 1377, 1889
 ROBINIA
 1088
 ROBINIA PSEUDOACACIA
 257, 450, 451, 724, 1088, 1220, 1222, 1236,
 1364, 1424, 1426, 1668, 1752, 1753, 1949, 2092,
 2164, 2347
 RODGERSIA PINNATA
 1136
 ROSA
 88, 204, 213, 229, 671, 936-938, 1362, 1516,
 1667, 1842
 ROSA CANINA
 330, 1841, 2092
 ROSA CHINENSIS
 2324

ROSA GLABRIFOLIA
 1886
 ROSA MULTIFLORA
 829, 1424, 1426, 2092
 ROSA RUGOSA
 724, 1841
 ROSA VIRGINIANA
 2092
 ROSMARINUS
 671
 ROSMARINUS LOCKWOODII
 229
 ROTTBOELLIA
 306, 307
 RUBUS
 536, 553, 1756
 RUBUS CAESIUS
 1520
 RUBUS FRUCTICOSUS
 1841
 RUBUS IDAEUS
 2347, 2348
 RUMEX
 259
 RUMEX ACETOSA
 82, 960
 RUMEX CRISPUS
 1710, 2196, 2199, 2306
 RUPPIA
 1369
 RUPPIA MARITIMA
 293, 856, 1360, 1361
 RUPPIA TUBEROSA
 472
 SABATIA STELLARIS
 2039
 SACCHARUM OFFICINARUM
 84, 89, 91, 149, 227, 228, 283, 294, 369, 460,
 490, 545, 568, 569, 636, 637, 941, 998, 1160,
 1175, 1231, 1242, 1375, 1460, 1590, 1651, 1761,
 1769, 1782, 1914, 1915, 2099, 2100, 2124, 2228,
 2263
 SAINTPAULIA IONANTHA
 1129, 1362
 SALICORNIA
 733, 1043, 1133, 1763
 SALICORNIA AMBIGUA
 380
 SALICORNIA AUSTRALIS
 769
 SALICORNIA BIGELOVII
 1760, 2266



SALICORNIA DEPRESSA
 2192
 SALICORNIA ERBACEA
 1825
 SALICORNIA EUROPAEA
 101. 102. 1198. 1313. 1470. 2191. 2195. 2199.
 2229. 2266
 SALICORNIA FRUTICOSA
 1146. 1825. 1959. 2160
 SALICORNIA HERBACEA
 54. 561. 584. 612. 709. 856. 961. 1090. 1146.
 1313. 1436. 1748. 1943. 1959. 2248. 2312
 SALICORNIA MUCRONATA
 380. 856
 SALICORNIA OLIVERI
 818
 SALICORNIA RAMOSISSIMA
 630. 818
 SALICORNIA RUBRA
 380. 505. 629. 658. 2144. 2145. 2195. 2199
 SALICORNIA STRICTA
 380
 SALICORNIA SUBTERMINALIS
 1818
 SALICORNIA UTAHENSIS
 629
 SALICORNIA VIRGINICA
 169. 1690
 SALIX
 343. 501. 671. 724. 845. 1215. 1216. 1471.
 1659. 1756
 SALIX ALBA
 724. 1236. 1264. 2092
 SALIX ALBA VAR CALVA
 1236
 SALIX ALBA VAR VITELLINA
 1424. 1426. 2092
 SALIX AMYGDALINA
 2092
 SALIX CAPREA
 1756. 1841. 2092
 SALIX CINEREA
 1886
 SALIX CORDATA
 2092
 SALIX DAPHNOIDES
 2092
 SALIX EXIGUA
 2043
 SALIX FRAGILIS
 2092
 SALIX PENTANDRA
 2092. 2095

SALIX PURPUREA "NANA"
 1424. 1426. 2092
 SALIX PURPUREA VAR LAMBERTIANA
 2092
 SALIX STIPULARIS
 2092
 SALIX VIMINALIS
 345. 2092
 SALIX X ALOPECUROIDES
 2092
 SALIX X BASFORDIANA
 2092
 SALIX X DASYCLADOS
 2092
 SALIX X HELIX
 2092
 SALIX X HIPPOPHAEFOLIA
 2092
 SALIX X MEYERIANA
 2092
 SALIX X RUBENS
 2092
 SALIX X TINCTORIA
 2092
 SALSOLA
 961
 SALSOLA ARBUSCULA
 753
 SALSOLA CRASSA
 2227
 SALSOLA FOETIDA
 1959
 SALSOLA KALI
 1749. 2039
 SALSOLA LARICINA
 753
 SALSOLA MUTICA
 612
 SALSOLA ORIENTALIS
 1811
 SALSOLA SODA
 1598. 2227
 SALSOLA STROBILIFORMIS
 2007
 SALSOLA VERMICULATA
 815. 1313. 1959
 SALVIA
 1878
 SALVIA SONOMENSIS
 1668
 SAMBUCUS
 1215. 1216

SAMBUCUS CANADENSIS
1842, 2091

SAMBUCUS NIGRA
724, 1236, 1331, 2091

SAMBUCUS RACEMOSA
1841, 2091

SANGUISORBA MINOR
609

SANSEVIERIA
1362

SANTOLINA
671

SAPIUM SEBIFERUM
2164

SARCOBARUS VERMICULATUS
505, 624, 629, 658, 692, 733, 1313, 1373, 1763,
1818

SASSAFRAS ALBIDUM
450, 451

SAUSSUREA CRASSIFOLIA
709

SCAEVOLA CRASSIFOLIUM
42

SCAEVOLA TACCAIDA
1230

SCHINUS MOLLE
235, 1668

SCIADOPITYS VERTICILLATA
1440

SCILLA VERNA
723

SCIRPUS AMERICANUS
2195, 2196

SCIRPUS LACUSTRIS
54, 961

SCIRPUS MARITIMUS
380, 1661

SCIRPUS PALUDOSUS
505, 2196, 2199

SCIRPUS ROBUSTUS
856, 2196, 2199

SCIRPUS TRIQUETER
1661

SCROPHULARIA CALIFORNICA
1818

SECALE CEREALE
82, 191, 325, 327, 331, 332, 608, 797, 838,
848, 1084, 1088, 1303, 1333, 1405, 1687, 1709,
1759, 1845, 1865, 1877, 1956, 2043, 2045, 2074,
2264, 2281, 2332

SEIDLITZIA ROSMARINUS
815

SENECIO GREGORI
1956

SENECIO INTEGRIFOLIUS
728

SENECIO JACOBAEA
1331, 1710

SESAMUM
1164

SESAMUM INDICUM
371, 1105, 1163, 1322, 2338, 2339

SESAMUM ORIENTALE
1377

SESBANIA ACULEATA
23, 147, 256, 604, 1098, 1160, 1377, 1822,
1996

SESBANIA AEGYPTIACA
1016

SESBANIA BISPINOSA
146

SESBANIA CANNABINA
2315

SESLERIA CAERULEA
609

SESUVIUM PORTULACASTRUM
1869

SESUVIUM VERRUCOSUM
2196

SETARIA
1519, 1521, 1718, 2225

SETARIA ANCEPS
1800

SETARIA ITALICA
848, 1084, 1088, 1115, 1431, 1589, 1728, 1730-
1732

SETARIA LUTESCENS
2306

SETARIA VIRIDIS
2306

SILVERINIA BUXIFOLIA
2098

SILPHEROIA ARGENTEA
1424, 1426, 2091

SHERARDIA ARVENSIS
609

SILENE CALIFORNICA
1818

SILENE MARITIMA
728

SIMMONDSIA CALIFORNICA
2328

SINAPIS ALBA
1642

SITANION
1463

SMILAX BGNA-NOX
1537, 2039

SMILAX GLAUCA
354

SOLANUM ACAULE
1965

SOLANUM CAROLINENSE
1537

SOLANUM CHACOENSE
1965

SOLANUM DEMISSUM
1965

SOLANUM ESCULENTUM
1542

SOLANUM LACINIATUM
97

SOLANUM MELONGENA
976, 1084, 1088, 1186, 1324, 1546, 1547, 1928, 2131

SOLANUM MELONGENA VAR ESCULENTUM
2320

SOLANUM STOLONIFERUM
1965

SOLANUM TUBEROSUM
82, 171, 172, 174, 175, 189-191, 193, 218, 276, 278, 320, 334, 439, 454, 455, 529, 536, 681, 1084, 1088, 1186, 1206, 1207, 1297, 1478, 1687, 1728, 1792, 1854, 1961, 1965-1967, 1996, 2012, 2153, 2281

SOLIDAGO CALIFORNICA
1818

SOLIDAGO MEXICANA
1536, 1537

SOLIDAGO SEMPERVIRENS
856, 2039

SONNERATIA ACIDA
1869

SONNERATIA APETALA
1869

SOPHORA
671

SOPHORA JAPONICA
780, 1220, 1222, 2164

SORBUS
343

SORBUS ARIA
1222

SORBUS AUCUPARIA
724, 1220, 1222, 1236, 1842, 2092

SORBUS DECORA
2092

SORBUS INTERMEDIA
724, 1222

SORBUS LATIFOLIA
2092

SORBUS NIGRA
1220

SORBUS SCANDICA
724

SORBUS X HYBRIDA
2092

SORGHUM ALMUM
688, 1000, 1800

SORGHUM BANTUORUM
986

SORGHUM BICOLORE
684, 868, 999, 1602, 1606, 2123

SORGHUM CHINENSE
986

SORGHUM DOCHNA
684

SORGHUM CUINCENSE
986

SORGHUM HALEPENSE
1000, 2043

SORGHUM SUDANENSE
76, 167, 297, 475, 688, 848, 1000, 1303, 1654, 2112

SORGHUM VERTICILLIFLORUM
688

SORGHUM VULGARE
14, 35, 142, 143, 167, 255, 328, 334, 466, 467, 536-538, 540, 543, 848, 888, 954, 987, 1065, 1084, 1087, 1088, 1133, 1185, 1288, 1289, 1320, 1321, 1359, 1575, 1601, 1606, 1627, 1687, 1697, 1721, 1766, 1864, 1976, 2043, 2073, 2123, 2128, 2212, 2285, 2320

SORGHUM VULGARE VAR CAFFRORUM
986, 1456

SORGHUM VULGARE VAR CAUDATUS
848

SORGHUM VULGARE VAR DURRA
986

SPARTINA ALTERNIFLORA
64, 457, 1429, 1690

SPARTINA ANGLICA
514

SPARTINA CYNOSUROIDES
64

SPARTINA FOLIOSA
1636

SPARTINA GRACILIS
658

SPARTINA PATENS
64, 380, 457, 658, 856, 1536, 1871, 1872, 2039

SPARTINA PECTINATA
2199

SPARTINA SPARTINAE
64

SPARTINA STRICTA MARITIMA
856

SPARTINA TOWNSENDII
380, 621, 658

SPARTINA X TOWNSENDII
2053

SPARTIUM JUNCEUM
1668

SPERGULARIA DIANDRA
584

SPERGULARIA MARGINATA
380

SPERGULARIA MARINA
2191, 2192

SPERGULARIA RUPEOLA
728

SPERGULARIA SALINA
1748

SPINACIA OLERACEA
41, 176, 454, 455, 555, 597, 1026, 1084, 1088,
1189, 1207, 1224, 1276, 1297, 1319, 1354, 1403,
1482, 1541, 1544, 1546-1548, 1550, 1551, 1686,
1687, 1856, 1928, 1931, 1935, 2026

SPINIFEX HIRSUTUS
1255

SPIRAEA
671

SPIRAEA BUMALDA "FROEBELII"
2092

SPIRAEA ULMIFOLIA
330

SPIRAEA VANHOUTTEI
829, 1424, 1426, 2092, 2129

SPOROBOLUS AIROIDES
576, 653, 640, 952, 953, 1086, 1816, 2043,
2196

SPOROBOLUS MARGINATUS
1703

SPOROBOLUS ORIENTALIS
2096

SPOROBOLUS TEXANUS
2196

SPOROBOLUS TREMULUS
2096

SPOROBOLUS VIRGINICUS
404, 551, 679, 779, 1405

SPOROBOLUS WRIGHTII
2043

STACHYS AEGYPTIACA
1889

STATICE GMELINII
709

STATICE LIMONIUM
1748

STELLARIA MEDIA
1786

STENOTAPHRUM SECUNDATUM
1675

STIPA TORTILIS
1825

STIZOLOBIMUM
1000

STROPHOSTYLES HELVOLA
1536, 2039

STYLOSANTHES GUYANENSIS
947

STYLOSANTHES HUMILIS
947, 1030, 1800

SUAEDA
733, 815, 961, 1146

SUAEDA ACUMINATA
524

SUAEDA ASPARAGOIDES
2113, 2312

SUAEDA AUSTRALIS
404

SUAEDA CORNICULATA
709, 1719

SUAEDA DEPRESSA
290, 291, 2192, 2195, 2196, 2199, 2293

SUAEDA ERECTA
629

SUAEDA FLEXILIS
267

SUAEDA FRUTICOSA
40, 122, 267, 380, 389, 584, 1101, 1313, 1825,
1883, 1959

SUAEDA GLAUCA
1313

SUAEDA LINEARIS
1313, 2192

SUAEDA MACROCARPA
267

SUAEDA MARITIMA
291, 380, 621, 630-634, 818, 819, 856, 1748,
1825, 1869, 2195, 2300, 2325

SUAEDA MARITIMA VAR FLEXILIS
289, 290

SUAEDA MARITIMA VAR MACROCARPA
289, 290, 2197
SUAEDA MICROPHYLLA
2227
SUAEDA MOLLIS
1959
SUAEDA MONODIANA
1959
SUAEDA MONOICA
621, 2052, 2053, 2248
SUAEDA PHYSOPHORA
753
SUAEDA SALSA
54
SUAEDA SPLENDENS
267, 1825
SUAEDA SUFFRUTESCENS
359
SUAEDA TORREYANA
1818
SYMPHORICARPOS ALBUS
2091
SYMPHORICARPOS ALBUS VAR LAEVIGATUS
1841, 2091
SYMPHORICARPOS ORBICULATUS
2091
SYMPHORICARPOS RACEMOSUS
2091
SYRINGA JOSIKAEA
2347
SYRINGA VULGARIS
595, 724, 1264, 2092, 2094, 2095, 2129
SYZYGIUM JAMBOS
425
TAENIATHERUM ASPERUM
2332
TAGETES
1516, 1956
TAGETES MINUTA
375
TAMARIX
671, 1215, 1216, 1664
TAMARIX AMPLEXICAULIS
2248
TAMARIX APHYLLA
42, 1255, 2248
TAMARIX ARAVENSIS
2248
TAMARIX CHINENSIS
2184
TAMARIX DESERTI
2248

TAMARIX CALLICA
724, 1084, 1236, 1424, 1869, 2248
TAMARIX GRACILIS
1142, 1886
TAMARIX HYSPIDA
2347
TAMARIX JORDANIS
2248
TAMARIX KARELINI
1886
TAMARIX MEYERI
2248
TAMARIX PALLASII
2347
TAMARIX PENTANDRA
1426, 2043, 2092, 2196
TAMARIX RAMOSISSIMA
1117, 2227
TAMARIX TETRAGYNA
165, 1067, 1068
TARAXACUM Bessarabicum
1748
TARAXACUM KOK-SAGHYZ
749
TARAXACUM OFFICINALE
259, 440, 473
TAXUS
683
TECOMARIA CAPENSIS
1255
TERMINALIA ARJUNA
2314
TETRAGONIA DECUMBENS
42
THALASSIA
1369
THELYSIA ALATA
1825
THEOBROMA CACAO
369
THUJA
2259
THUJA OCCIDENTALIS
330, 1264, 2091
THUJA ORIENTALIS
213, 229, 2164
THYMUS
671
TILIA
724, 1220, 1236, 1756
TILIA AMERICANA
654, 1752, 1753, 1949, 2092

TILIA CORDATA
 602, 1222, 1424, 1426, 1842, 2092
 TILIA EUCHLORA
 1222
 TILIA EUROPAEA
 1222
 TILIA INTERMEDIA
 1222
 TILIA NEGLECTA
 2277
 TILIA PLATYPHYLLA
 2092
 TILIA TOMENTOSA
 602, 1222
 TILIA VULGARIS
 1124
 TILLAEA MOSCHATA
 943
 TOURNEFORTIA GNAPHALODES
 1393
 TRACHELOSPERMUM JASMINOIDES
 229
 TRAGOPOGON PRATENSIS
 961
 TRIFOLIUM
 84, 1139, 1301, 1627, 1725, 1728-1730, 1961,
 2340
 TRIFOLIUM ALEXANDRINUM
 90, 144, 145, 150, 238, 475, 575, 584, 587,
 588, 604, 848, 945, 1000, 1047, 1084, 1145,
 1254, 1377, 1413, 1639, 1727, 1731, 1732, 1800,
 1990, 2247, 2265
 TRIFOLIUM ANGULATUM
 773
 TRIFOLIUM CAMPESTRE
 773
 TRIFOLIUM DUBIUM
 773
 TRIFOLIUM FRAGIFERUM
 38, 106, 594, 715, 773, 779, 1088, 1201, 1312,
 1800, 2043
 TRIFOLIUM HIRTUM
 1800
 TRIFOLIUM HYBRIDUM
 106, 773, 848, 2343
 TRIFOLIUM INCARNATUM
 1777, 1778, 2264, 2343
 TRIFOLIUM LODI
 1746
 TRIFOLIUM MICRANTHUM
 773
 TRIFOLIUM ORNITHOPODIODES
 773

TRIFOLIUM PALLIDUM
 773
 TRIFOLIUM PARVIFLORUM
 773
 TRIFOLIUM PRATENSE
 82, 106, 172, 191, 193, 232, 555, 848, 900,
 1273, 1331, 1452, 1710, 1777, 1813, 2045, 2343
 TRIFOLIUM REPENS
 172, 473, 694, 715, 773, 900, 961, 1028, 1749,
 1777, 1800, 2045, 2053, 2055, 2264, 2343
 TRIFOLIUM REPENS LATUM
 106, 1273
 TRIFOLIUM RESUPINATUM
 1519, 1521, 2343
 TRIFOLIUM SEMIPILOSUM
 1800
 TRIFOLIUM STRIATUM
 773
 TRIFOLIUM STRICTUM
 773
 TRIFOLIUM SUBTERRANEUM
 773
 TRIFOLIUM TRIFOLIATA
 1539
 TRIGLOCHIN MARITIMA
 380, 505, 1661, 1748, 2044, 2195, 2272
 TRIGLOCHIN STRIATA
 404
 TRIGONELLA FOENUM-GRAECUM
 814, 2022
 TRIPLASIS PURPUREA
 2039
 TRITICUM
 882, 1115

TRITICUM AESTIVUM

1. 19. 22. 26-28. 35. 51. 82. 84. 87. 89. 98.
 110. 125. 126. 128. 133. 135. 137. 138. 147.
 148. 152. 153. 156-158. 162. 166. 189-191. 225.
 239-248. 255. 314. 326. 329. 331-334. 388. 390.
 391. 415. 447. 461. 462. 466. 467. 486. 496.
 512. 530. 533. 538. 539. 565. 566. 570. 577.
 578. 584. 587. 588. 598. 605. 606. 608. 612.
 623. 635. 711. 714. 721. 784. 785. 791. 795.
 838. 846-848. 858. 909. 951. 955. 986. 987.
 1004. 1006. 1036. 1037. 1039. 1048. 1084. 1087.
 1088. 1094. 1099. 1102. 1105. 1123. 1139. 1145.
 1146. 1164. 1186. 1208. 1209. 1238. 1254. 1260.
 1261. 1301. 1303. 1321-1323. 1329. 1332. 1333.
 1336. 1359. 1377. 1399. 1405. 1417. 1418. 1422.
 1442-1444. 1452. 1467. 1469. 1474. 1524. 1526-
 1529. 1531. 1532. 1538. 1554-1558. 1560. 1563.
 1567. 1574. 1580. 1582. 1601. 1603. 1605. 1616.
 1644. 1647. 1650. 1654. 1663. 1682-1684. 1687.
 1718. 1720. 1721. 1728. 1733. 1788. 1791. 1798.
 1801. 1823. 1826-1832. 1834. 1837. 1845. 1851.
 1852. 1854. 1865. 1875-1877. 1882. 1904-1906.
 1913. 1943. 1951. 1961. 1972-1974. 1982. 1987.
 1992. 1999. 1999. 2045. 2046. 2053. 2101. 2115.
 2123. 2125. 2126. 2149-2151. 2153. 2165. 2166.
 2171-2175. 2177-2187. 2203. 2214. 2219. 2220.
 2225. 2226. 2231. 2246. 2247. 2302. 2321. 2322.
 2335. 2336

TRITICUM DICOCCUM

1084. 1088

TRITICUM DURUM

857. 858. 986. 1254

TRITICUM ISPAGHANICUM

986

TRITICUM TURANICUM

986

TRITICUM TURGIDUM

986

TRITICUM VILLOSUM

1825

TRITICUM VULGARE

390. 391

TSUGA

2259

TSUGA CANADENSIS

829. 920. 1191. 1364. 1751-1753. 1949. 2092.
 2277. 2279

TULIPA

1649

TYPHA

1696

TYPHA ANGUSTIFOLIA

856. 961. 1370

TYPHA LATIFOLIA

396. 1370

ULEX

671. 1756

ULEX EUROPAEUS

728

ULMUS

345. 845. 924. 1142. 1215. 1216. 1471. 1664.
 1842

ULMUS AMERICANA

536. 654. 920. 922. 1752. 1753. 1949. 2084.
 2092. 2129. 2277

ULMUS CAMPESTRIS

724. 1236

ULMUS CARPINIFOLIA

1220. 1222. 1841

ULMUS GLABRA

724. 1220. 1222. 1841. 2092

ULMUS HOLLANDICA

724. 920. 1236

ULMUS PARVIFOLIA

1088. 2129

ULMUS PROCERA

724

ULMUS PUMILA

1220. 1222. 1659. 2092. 2164. 2347. 2348

ULMUS PUMILA VAR ARBOREA

2092

UNCINIA DIKEI

943

UNIOLA PANICULATA

658. 1536. 1537. 1870-1872. 2039. 2273. 2274

UROCHLOA MOSAMBICENSIS

1800

URTICA DIOICA

1331. 1710

URTICA URENS

1710

UTRICULARIA

671

VACCINIUM

374

VACCINIUM MEMBRANACEUM

1408

VALERIANELLA

683

VALLISNERIA SPIRALIS

2014

VERBASCUM THAPSUS

609

VERBENA

1150

VETIVERIA ZIZANIOIDES

375

VIBURNUM

1842

VIBURNUM AWABUKI

958

VIBURNUM LANTANA

2091

VIBURNUM OPULUS

2091

VIBURNUM TINUS ROBUSTUM

213, 229

VIBURNUM TRILOBUM

2091

VICIA

447, 530, 1730, 2322

VICIA ATROPURPUREA

536

VICIA CRACCA

961, 1748, 1749

VICIA FABA

189, 584, 537, 588, 606, 623, 827, 903, 960,
983, 1043, 1084, 1088, 1123, 1193, 1194, 1423,
1442, 1443, 1543, 1546, 1547, 1748, 1749, 1919-
1923, 1925, 1928, 2074, 2079-2081, 2133, 2173,
2174, 2264

VICIA SATIVA

986, 1084, 1088, 1254, 1303, 1345, 1777, 1778,
1879, 2264

VICIA VILLOSA

848, 1084

VIGNA ACONTIFOLIA

2247

VIGNA AUREUS

159

VIGNA LUTEOLA

947

VIGNA SINENSIS

159, 238, 536, 848, 892, 894, 903, 1422, 1456,
1578, 1680, 1725, 1728, 1730, 2131

VIGNA UNGUICULATA

975, 1800, 1830

VIGNA VEXILLATA

947

VIOLA ODORATA

536

VIOLA TRICOLOR

536

VITEX ROTUNDIFOLIA

928, 2113

VITIS

139-141, 180, 187, 220, 236, 334, 397, 477,
517, 536, 563, 596, 671, 700, 826, 1111, 1472,
1592, 1629, 1630, 1726, 1807, 1843, 2138, 2267,
2304

VITIS CHAMPINI

61, 1817

VITIS DOANIANA

1817

VITIS LABRUSCA

450, 500

VITIS RIPARIA

2129

VITIS VINIFERA

61, 62, 75, 513, 514, 552, 778, 1084, 1631,
1817, 1844, 2109, 2110

WASHINGTONIA

1084

WEDELIA PROSTATA

2113

WEIGELA FLORIDA "EVA RATHKE"

320

XYLOSMA SENTICCSA

213, 229

XYRIS

1537

YUCCA

671, 1463

YUCCA ALOIFOLIA

1393, 2039

YUCCA FILAMENTOSA

829

YUCCA MOHAVENSIS

1818

ZEA MAYS

2, 31, 37, 60, 63, 103, 112, 128, 129, 132,
142, 225, 256, 269, 275, 314, 327, 401, 414,
447, 463, 466, 467, 475, 481, 521, 523, 529,
536-538, 579, 586, 588, 640, 646, 658, 723,
726, 796, 830, 831, 844, 846-848, 855, 863,
893, 925, 986, 987, 1005, 1026, 1038, 1045,
1051, 1083, 1084, 1087, 1096, 1097, 1101, 1145,
1186, 1195-1198, 1200, 1253, 1270, 1303, 1319,
1321, 1322, 1330, 1377, 1395, 1442, 1443, 1451,
1452, 1456, 1465, 1466, 1475, 1478, 1480, 1484,
1516, 1553, 1588, 1593, 1601, 1627, 1640, 1650,
1669, 1686, 1687, 1718, 1724, 1725, 1728-1730,
1788, 1791, 1814, 1852, 1862, 1867, 1881, 1916,
1918, 1922, 1932, 1941, 1944, 1947, 1961, 1991,
1996, 2036, 2046, 2053, 2074, 2112, 2132, 2154,
2181, 2182, 2218, 2225, 2244, 2246, 2247, 2320

ZERNA ERECTA

609

ZINGIBER OFFICINALE

369

ZINNIA

1150

ZINNIA ELEGANS

536, 1424, 1425

ZIZIPHUS

671

ZIZIPHUS JUJUBA

1520

ZIZIPHUS LYCIOIDES

359

ZOYSIA

2282

ZOYSIA JAPONICA

1517

ZYGADENUS FREMONTII

1818

ZYGOPHYLLUM ALBUM

446, 582, 1959

MASTER INDEX

(N-DIMETHYL-B-CHLOROETHYL HYDRAZONIUM CH
566
(2-CHLOROETHYL) TRIMETHYLAMMONIUM CHLORI
73. 98. 152. 158. 565. 566. 570. 975. 1338.
1467. 1834. 1850
ABSCISIC ACID
931. 932
ACETATE
1250
ACETIC ACID
465
ACETONE
313
ADENOSINE TRIPHOSPHATE
1998
ADENOSINE 5'MONOPHOSPHORIC ACID
1899
AERATION
98. 100. 1012. 1015. 1017. 1421. 2028
AIR POLLUTION
887. 1523. 2129
ALANINE
155
ALKALI
1093
ALKALI SOIL
459. 512. 637. 638. 658. 838. 881. 1257. 1377.
1569. 1719. 1911. 2233. 2314. 2346
ALKALINE
393
ALKALINE SOIL
389. 499. 533. 617. 847. 1093. 1411. 1574.
1590. 1646. 1702. 1764. 1807. 1840. 1907. 1951.
1986. 2009. 2033
ALKALINE WATER
1803
ALPHA-NAPHTHYLAMINE
2106
ALUMINIUM
1168. 1246. 1942. 2003. 2325
AMINO ACID
580
AMMONIA
1126
AMMONIUM
60. 66. 81. 93. 175. 275. 286. 326. 633. 668.
777. 781. 843. 861. 1045. 1060. 1079. 1119.
1129. 1205. 1281. 1349. 1540. 1549-1551. 1566.
1667. 1819-1821. 1847. 1848. 2054. 2168. 2223.
2255. 2281

AMO-1618
73. 1338
ANAEROBIC CONDITIONS
1524
ANAEROBIOSIS
1023
ANTIDESICCANT SPRAY
595
ANTITRANSPIRANT
445
AQUA AMMONIA
777
ARGININE
580
ARSENIC
1246
ASCORBIC ACID
2222
ASPARTIC ACID
580
AUXINS
1972
B 995
1566
B-NINE
1838
BARIUM
860
BASE SATURATION
1343
BEEF EXTRACT
1418
BENZYLADENINE
135. 1506. 1677. 1839. 2222
BICARBONATE
31. 36. 89. 90. 142. 147-149. 152. 178. 232.
237. 240. 258. 270. 278. 302. 314. 315. 323.
438. 452. 464. 466. 485. 490. 517. 537. 589.
598. 617. 629. 637. 692. 698. 780. 791. 817.
857. 858. 870. 881. 882. 898. 899. 936-938.
982. 1009. 1036. 1038. 1086. 1087. 1098. 1182.
1197. 1209. 1217. 1254. 1281. 1298. 1323. 1412.
1416. 1459. 1520. 1575. 1580. 1582. 1587. 1589.
1616. 1628. 1631. 1632. 1645. 1654. 1666. 1669.
1682-1684. 1693. 1711. 1721. 1730. 1739. 1741.
1766. 1806. 1847. 1848. 1886. 1902. 1903. 1905.
1906. 1916. 1929. 1986. 1989. 2022-2024. 2026.
2030. 2087. 2101. 2125. 2198. 2220. 2231. 2233.
2235. 2236. 2242. 2251. 2276. 2313. 2315. 2316.
2338. 2356
BORIC ACID
152. 2264

BORON

37, 53, 66, 71, 72, 88, 137, 138, 150, 237,
 258, 269, 274, 283, 294, 311, 317, 320, 360,
 386, 387, 397, 412, 414, 421, 422, 424, 428,
 430, 432, 436, 461, 462, 479, 535-537, 544,
 579, 592, 639, 640, 667, 682, 725, 733-748,
 783, 784, 800, 806, 809, 834, 836, 837, 840,
 844, 869, 870, 935, 941, 946, 952, 1026, 1028-
 1030, 1092, 1105, 1127, 1128, 1130, 1131, 1156,
 1168, 1183, 1184, 1192, 1228, 1282, 1283, 1297,
 1302, 1337, 1347, 1348, 1351, 1408, 1455, 1478,
 1496, 1508, 1509, 1516, 1517, 1581, 1604, 1624,
 1633, 1638, 1650, 1668, 1685, 1687, 1765, 1777,
 1778, 1804, 1854, 1855, 1859-1861, 1863, 1913,
 1918, 1942, 1943, 1964, 1972, 1973, 1984, 1995,
 1996, 2003, 2005, 2008, 2029, 2051, 2098, 2129,
 2154, 2155, 2225, 2226, 2264, 2267, 2288, 2289,
 2303, 2338

BRACKISH WATER

457, 680, 681, 1072, 1165, 1241, 1249, 1376,
 1399, 1620, 1622, 1686, 1747, 1857, 1864, 1895,
 1901, 1963, 1971, 1982, 2043, 2086, 2109, 2218,
 2219

BROMIDE

1403, 1999

CADAVERINE DICHLOROHYDRATE

1669, 1671

CALCAREOUS

143

CALCAREOUS SOIL

437

CALCIUM

2-4, 8, 10-12, 14, 15, 17-19, 22, 25, 27, 29,
 30, 44, 48, 60, 61, 81, 87, 89, 90, 93-98, 100,
 105-107, 110, 111, 113, 117, 120, 123, 134,
 141, 143, 145, 146, 151, 152, 156-158, 161,
 166, 167, 176, 178, 189, 215-220, 222-227, 229,
 256, 258, 270, 283, 286, 288, 297-300, 302,
 309, 314, 315, 322, 324, 332, 334, 335, 341-
 344, 353, 355, 360, 366, 367, 378, 388, 390,
 391, 415, 413, 418, 419, 421, 422, 424, 426-
 428, 435-438, 442, 443, 452, 461, 465, 467,
 471, 484, 486, 493-495, 497, 498, 502, 506,
 508, 519, 530, 531, 538, 541, 543, 552-557,
 559-561, 563-565, 567-570, 577, 578, 583-585,
 587, 597, 598, 608, 610, 633, 635, 639, 642-
 646, 654, 655, 660-666, 676, 682, 686, 692,
 695-698, 701, 704-706, 709, 714, 715, 717, 718,
 722, 752, 758, 772, 775, 777, 791, 801, 812,
 816, 829, 831, 838, 843, 844, 846, 860-863,
 870, 874, 877, 878, 880, 881, 883, 889, 897,
 899, 904, 912, 919, 922-925, 936, 937, 942,
 944, 945, 950, 952, 953, 955, 960, 975, 976,
 1004, 1007, 1009, 1020, 1022, 1029, 1032, 1037,
 1039, 1047, 1049-1053, 1060, 1063-1066, 1069,
 1079, 1082, 1083, 1096, 1098, 1121, 1125-1130,
 1134, 1142, 1143, 1153, 1154, 1170, 1171, 1176-
 1181, 1202, 1204, 1205, 1208, 1217, 1224-1229,
 1244, 1251, 1254, 1261, 1274, 1281-1287, 1289,
 1296, 1300, 1301, 1318, 1323-1325, 1327, 1330,
 1335, 1336, 1339-1341, 1347, 1349, 1351-1353,
 1361, 1378-1380, 1388, 1406, 1412, 1413, 1416,
 1424-1426, 1430, 1431, 1452, 1461, 1462, 1480,
 1484, 1489, 1505, 1511, 1513, 1514, 1523, 1538,
 1539, 1548, 1551, 1573, 1576-1578, 1580-1586,
 1588, 1589, 1600, 1601, 1603, 1605, 1606, 1609,
 1610, 1615, 1617-1619, 1634, 1635, 1641-1643,
 1645, 1652, 1653, 1663, 1667, 1668, 1674, 1684,
 1693, 1694, 1702, 1703, 1705, 1706, 1709, 1712,
 1716, 1718-1720, 1722, 1730, 1733, 1734, 1736,
 1738, 1739, 1741, 1748, 1749, 1753, 1761, 1766,
 1788, 1791, 1805, 1806, 1810, 1821, 1834, 1845-
 1848, 1853, 1857, 1860, 1880, 1881, 1885, 1892-
 1894, 1897, 1899, 1903, 1905, 1906, 1908, 1930,
 1941, 1944, 1954, 1955, 1957, 1973, 1985, 1990,
 2006, 2010, 2011, 2013, 2014, 2022-2024, 2026-
 2028, 2030, 2042, 2046, 2047, 2066, 2072, 2084,
 2109, 2110, 2121, 2127, 2128, 2139, 2142, 2143,
 2157, 2158, 2203, 2204, 2206, 2208-2210, 2214,
 2215, 2220-2222, 2230, 2234, 2237-2239, 2242,
 2245, 2248, 2251, 2261, 2281, 2283, 2294, 2302,
 2316, 2324, 2326-2328, 2333, 2334, 2356

CARBON DIOXIDE

30, 1423, 1666

CARBONATE

31, 36, 38, 97, 133, 161, 239-241, 243, 245-
248, 278, 283, 286, 288, 314, 315, 331, 376,
377, 396, 405, 430, 437, 444, 452, 485, 517,
518, 530, 508, 683, 692, 721, 782, 788-791,
795-797, 846, 848, 858, 882, 937, 978, 1020,
1039, 1080, 1086, 1087, 1097, 1098, 1109, 1122,
1153, 1154, 1182, 1185, 1197, 1209, 1217, 1239,
1240, 1254, 1257, 1274, 1279, 1339, 1341, 1401,
1403, 1412, 1416, 1431, 1434, 1441, 1444, 1452,
1474-1477, 1538, 1575, 1582, 1627, 1628, 1645,
1651, 1667, 1684, 1688, 1693, 1703, 1711, 1735,
1788, 1791, 1848, 1862, 1877, 1902, 1903, 1905,
1906, 1941, 1943, 1957, 1987, 2045, 2046, 2056,
2060, 2081, 2087, 2126, 2142, 2148, 2242, 2281,
2302, 2316, 2356

CARBONYL CYANIDE M-CHLOROPHENYL-HYDRAZON

762

CARBOWAX

907, 980, 1012, 1014, 1181, 1593, 1676, 1679,
1792

CASEIN HYDROLYZATE

2073

CESIUM

861, 1042

CHLORAMPHENICOL

1647, 1993, 1999

CHLORATE

1845

CHLORIDE

2-8, 10-12, 14-19, 22, 25-30, 32, 33, 38, 43-
49, 55-63, 69, 70, 74-78, 81, 83, 84, 87, 89-
98, 100-114, 116-120, 123, 124, 126-128, 131-
134, 137-141, 143-145, 149, 151, 152, 155-160,
165-167, 171, 173-178, 182, 185, 186, 188, 189,
198, 199, 215-220, 222-229, 231, 233, 234, 237,
239-242, 244-246, 248, 249, 251, 252, 256-258,
260, 263, 266-273, 275, 276, 278-280, 283, 285,
286, 288-292, 295, 297, 298, 300, 302, 303,
309, 313, 314, 321, 322, 324, 326-328, 331-334,
341-344, 347, 350-353, 355, 357, 360, 362, 363,
366, 367, 370-372, 374, 376, 378, 380, 384-386,
390, 391, 395-401, 403, 405, 406, 413, 415,
418, 419, 421, 422, 424, 426-428, 432, 435,
436, 438, 439, 441-447, 452, 453, 461, 464,
465, 467, 469-471, 473, 477, 478, 480-487, 489,
490, 493-495, 497, 500-502, 504, 506, 508, 509,
513, 515, 518-521, 525, 526, 530-532, 534, 537-
541, 543, 545, 550, 552-557, 559-575, 577, 578,
580-582, 586, 590-592, 596, 597, 599, 602, 604-
606, 610, 612, 613, 615, 616, 618, 619, 626,
629-635, 637, 638, 642-645, 647, 649, 650, 652-
655, 657, 658, 660-666, 668, 669, 672, 676-679,
683-690, 692-699, 701-706, 709-715, 717-720,
722, 749-752, 754-756, 758-763, 765-767, 769-
772, 775, 776, 778, 780-782, 786, 789-792, 794-
797, 802-804, 806, 810, 813, 814, 816, 818,
819, 827, 829-831, 839, 845, 846, 848, 855-858,
860-868, 870, 874-878, 880-883, 888, 892, 894-
899, 902-906, 909, 911-916, 918, 919, 922-926,
928, 929, 931-934, 938, 940, 942, 944, 945,
947-956, 960, 962, 974, 978-983, 986-988, 990-
993, 995, 996, 1000, 1003-1005, 1007-1014,
1020, 1022-1025, 1031, 1037, 1040-1047, 1049-
1056, 1058, 1059, 1061-1068, 1070, 1071, 1073,
1074, 1077, 1080-1083, 1086, 1087, 1090, 1094,
1095, 1097-1104, 1106, 1109, 1111-1114, 1117-
1130, 1133-1135, 1138, 1139, 1141-1143, 1146,
1150, 1153, 1154, 1158, 1159, 1168, 1170, 1171,
1174, 1176-1192, 1185, 1187-1191, 1193-1200,
1204, 1206-1210, 1219-1222, 1228, 1229, 1231,
1232, 1237-1240, 1242-1248, 1251, 1253, 1254,
1257-1259, 1261, 1262, 1270, 1277, 1281, 1283-
1287, 1289, 1294-1296, 1298, 1300, 1301, 1303,
1304, 1306, 1318, 1320, 1323-1325, 1327-1330,
1332-1335, 1350, 1353-1358, 1360, 1361, 1363,
1370, 1373, 1378-1380, 1382-1386, 1388, 1390,
1395-1398, 1402-1407, 1412, 1413, 1416, 1419-
1427, 1429-1436, 1441, 1445-1447, 1451, 1452,
1454, 1457-1459, 1461, 1462, 1465-1468, 1470,
1472, 1474-1477, 1480-1486, 1489, 1491, 1492,
1500, 1501, 1506, 1507, 1511-1514, 1518-1535,

1539-1551, 1553-1567, 1572, 1573, 1575-1578,
 1580-1589, 1592-1595, 1597, 1599-1603, 1605-
 1607, 1609, 1610, 1615, 1617-1619, 1621, 1625,
 1627, 1629, 1633-1635, 1639, 1643, 1647, 1648,
 1651, 1652, 1654, 1657, 1658, 1660, 1662, 1664,
 1665, 1667-1681, 1682, 1684, 1688, 1692, 1694,
 1697, 1698, 1700-1706, 1708, 1711-1719, 1721,
 1722, 1724, 1726, 1729-1734, 1736-1739, 1741,
 1742, 1748, 1749, 1753, 1754, 1757-1759, 1761,
 1762, 1765, 1780, 1784-1791, 1796, 1800, 1802,
 1803, 1805, 1806, 1808, 1810-1814, 1817, 1819-
 1821, 1824, 1825, 1834, 1839, 1841, 1845-1848,
 1851, 1852, 1856, 1857, 1860, 1862, 1865-1867,
 1871-1883, 1885, 1886, 1889, 1892-1894, 1897,
 1899, 1902, 1903, 1905, 1906, 1908, 1909, 1912,
 1914-1917, 1919-1922, 1925-1939, 1941, 1943,
 1944, 1947-1949, 1955-1958, 1960-1962, 1965-
 1970, 1973, 1978-1981, 1983, 1985-1987, 1991,
 1992, 1994, 1997-2001, 2004, 2006, 2010-2027,
 2030, 2034-2036, 2040, 2041, 2044-2050, 2052,
 2053, 2055, 2056, 2058, 2060, 2065-2069, 2072-
 2075, 2079-2084, 2086-2089, 2092-2095, 2097,
 2099-2101, 2104-2111, 2114-2121, 2123-2128,
 2132, 2134, 2136, 2138-2141, 2145, 2146, 2148-
 2151, 2153, 2157-2164, 2167, 2168, 2171-2188,
 2190-2192, 2197-2199, 2203, 2204, 2206, 2208-
 2212, 2214-2216, 2220-2224, 2227, 2229-2234,
 2237-2246, 2248, 2250-2255, 2257, 2261, 2262,
 2266, 2268, 2269, 2271, 2275, 2278, 2281, 2283-
 2287, 2291, 2293, 2295-2302, 2304, 2305, 2307,
 2310, 2312, 2313, 2315-2317, 2320-2329, 2333-
 2336, 2339-2342, 2345-2348, 2350-2353, 2356

CHLORINE
 1150, 2054

CHLOROETHANOL
 1417

CHLOROETHYL PHOSPHONIC ACID
 313

CHOLINE
 830, 2310

CLIMATE
 497, 1300

CLIPPING
 525

COMPOST
 785, 1209, 1685

COOLING TOWER
 450, 1775

COPPER
 1028, 1337, 1347

CROP ROTATION
 1006

CULTIVAR
 1330

CYCLOHEXIMIDE
 1647

CYSTINE
 580

CYTOKININ
 1489, 1677

DARK CHESTNUT SOIL
 705

DAY LENGTH
 1491

DEICING SALT
 163, 309, 354, 440, 468, 471, 473, 527, 546,
 602, 607, 724, 798, 816, 820-822, 828, 829,
 917-919, 922, 923, 1107, 1124, 1137, 1143,
 1172, 1191, 1220-1222, 1263-1266, 1392, 1637,
 1751-1754, 1762, 1793-1795, 1841, 1842, 1948,
 2010, 2040, 2085, 2090, 2093, 2139-2141, 2216,
 2277, 2279, 2311, 2331, 2344, 2345, 2356

DEXTRAN
 1014, 1193-1195, 1200, 1919, 1925, 2074, 2341

DINITROPHENOL
 762, 1357, 1609, 2104

DRAINAGE
 1891, 1959

DPIP IRRIGATION
 222, 726, 727, 751

ETHANOL
 1998

ETHYLENE
 2217

ETHYLENE GLYCOL
 1298, 2145

EXCHANGEABLE CALCIUM PERCENTAGE
 1339

EXCHANGEABLE POTASSIUM PERCENTAGE
 1339, 1341-1344, 1346

EXCHANGEABLE SODIUM PERCENTAGE
 22, 36, 120, 142, 143, 147, 148, 232, 281, 299,
 367, 376, 377, 430, 466, 586, 624, 636, 692,
 689, 1036, 1038, 1208, 1274, 1279, 1339, 1341-
 1344, 1346, 1444, 1538, 1613, 1616, 1717, 1720,
 1724, 1728, 1866, 1988, 1989, 2222, 2233, 2276,
 2338

FALLOW
 1823

FERTILITY
 2, 3, 22, 55, 68, 143, 225, 479, 518-520, 522,
 523, 529, 761, 785, 962, 963, 1096, 1261, 1594,
 1602, 1852, 1866, 2216, 2293

FERTILIZER

78, 148, 166, 326, 414, 452, 627, 669, 823,
896, 965, 966, 972, 976, 1004, 1021, 1031,
1059, 1060, 1188-1190, 1206, 1207, 1268, 1269,
1275, 1288, 1338, 1344, 1349, 1362, 1399, 1508,
1667, 1724, 1730-1732, 1851, 1854, 1863, 1904,
1918, 1983, 1986, 1990, 1995, 2003, 2027, 2218,
2354

FLOOD IRRIGATION

1646, 1756

FLUORIDE

683

FOLIAR SPRAY

409, 441, 502

FURROW IRRIGATION

222, 321, 726, 841, 1767, 2154

FUSICOCCIN

313

GIBBERELLIC ACID

33, 152, 158, 290, 291, 313, 461, 463, 465,
933, 934, 1158, 1483, 1506, 1588, 1824, 1834,
1838, 1899, 1957, 1967, 1972, 1973, 2206, 2208,
2209, 2317, 2337

GLUCOSE

1557, 1558, 2285

GLUTAMIC ACID

165, 580

GLUTATHIONE

1922

GLYCEROL

1334

GRAFT

139, 220, 794, 1054, 1248, 1817

GREEN MANURE

838

GROUNDWATER QUALITY

388, 1161

GROWTH HORMONE

1503, 1506, 1972, 1973

GROWTH REGULATOR

73, 1338, 1824, 1850, 1867, 2152, 2205, 2206,
2317

GROWTH STAGE

5, 49, 51, 144, 483, 1016, 1051, 1138, 1271,
1272, 1276, 1528, 1531, 1617, 1622, 1874, 1903,
1926, 1927, 1938, 1939, 2018, 2049, 2056, 2105,
2108, 2163, 2169, 2173, 2219, 2264, 2340

GYPSUM

113, 119, 281, 283, 296, 460, 508, 830, 843,
1261, 1399, 1569, 1682, 1806

HERBICIDE

813, 2073

HUMIC ACID

1539

HUMIDITY

576, 674, 677, 915, 916, 1012, 1018, 1070,
1286, 1419, 1449, 1485, 1501, 1503, 1505, 1510,
1512, 1567, 1642, 1677, 1718, 1893

HYBRID

1330, 1594

HYDRANGEA HORTENSIS EXTRACT

1418

HYDROGEN CHLORIDE

543, 1511

IMMERSION

502, 541

INCOLEACETIC ACID

461, 462, 1588, 1828, 1831, 1837, 1899, 1972,
1973, 1980, 1981, 2152, 2317

INDOLEBUTYRIC ACID

461, 1972, 1973

INNOCULATION

394, 2299

INUNDATION

1787

IODIDE

1168, 1999

IRON

452, 743, 1246, 1295, 1347, 1645

IRON CHELATE

434

IRON TARTRATE

1029

IRRIGATION FREQUENCY

120, 224, 260, 793

IRRIGATION METHOD

222, 245, 321, 340, 456, 726, 751, 841, 1025,
1223, 1725, 1766-1768, 1786, 1802, 1816, 1864,
1891, 1944-1946, 2154

KINETIN

135, 186, 290, 291, 313, 574, 1061, 1062, 1112,
1506, 1507, 1839, 1899, 1998, 2073

KRILLIUM

100, 1261, 2338

LEACHING

224, 226, 281, 283, 297, 298, 389, 568, 743,
826, 977, 1280, 1388, 1569, 1600, 1650, 1663,
1685, 1739, 1761, 1825, 1890, 1904, 1952, 1959,
2086

LEUCINE

1061, 1605

LIGHT

168, 578, 674, 970, 1012, 1015, 1017, 1070,
1079, 1105, 1129, 1383, 1449, 1486, 1492, 1512,
1641, 1642, 1658, 1870, 1873, 1966, 1983, 2014,
2076, 2190

LIME

545, 843

LITHIUM

860, 861, 1042

LYSINE

580

MAGNESIUM

2, 3, 10, 17, 18, 60, 61, 81, 89, 90, 93, 97,
100, 128, 134, 141, 143, 145, 152, 176, 178,
220, 227, 258, 270, 297-299, 302, 314, 331,
332, 334, 335, 388, 393, 407, 408, 413, 438,
446, 452, 461, 467, 473, 486, 497, 498, 508,
518, 538, 543, 557, 560, 561, 565, 583, 584,
587, 603, 604, 608, 610, 616, 623, 626, 633,
642, 682, 686, 692, 696, 698, 705, 706, 709,
743, 758, 772, 775, 819, 838, 844, 846, 858,
860, 862, 863, 874, 877, 878, 881, 899, 928,
936-938, 945, 952, 953, 960, 988, 1029, 1032,
1047, 1051, 1068, 1083, 1087, 1111, 1125, 1126,
1142, 1177-1181, 1217, 1228, 1229, 1244, 1251,
1254, 1260, 1261, 1274, 1281, 1282, 1300, 1301,
1318, 1323, 1327, 1336, 1340, 1347, 1363, 1412,
1416, 1431, 1432, 1452, 1461, 1508, 1511, 1519,
1521, 1539, 1548, 1573, 1582, 1584-1586, 1588,
1641, 1642, 1652, 1653, 1663, 1674, 1683, 1694,
1709, 1719, 1721, 1730, 1736, 1737, 1741, 1766,
1788, 1791, 1805, 1806, 1817, 1821, 1852, 1853,
1857, 1860, 1863, 1897, 1941, 1944, 1954, 1957,
1973, 1981, 1990, 2014, 2022-2024, 2026, 2028,
2030, 2042, 2066, 2072, 2087, 2111, 2117, 2153,
2166, 2211, 2220, 2223, 2230, 2239, 2242, 2251,
2281, 2302, 2315, 2335, 2336, 2356

MANGANESE

152, 335, 1028, 1295, 1347, 1408, 1645, 1942,
2003

MANNITOL

185, 476, 510, 511, 522, 523, 723, 776, 980,
1014, 1015, 1068, 1334, 1368, 1420, 1593, 1639,
1658, 1737, 1797, 1839, 2001, 2032, 2074, 2136,
2188, 2285, 2337

MANURE

20, 119, 460, 843, 1240, 1261, 1262, 1682

METABOLIC INHIBITORS

762, 2104

MOLYBDENUM

1407

MULCHING

627

NAPHTHALENEACETIC ACID

461, 1972, 1973

NITRATE

66, 93, 275, 289, 299, 467, 480, 496, 537, 560,
561, 597, 603, 626, 633, 668, 682, 683, 698,
777, 781, 811, 843, 846, 861, 881, 976, 1017-
1019, 1045, 1079, 1119, 1205, 1224-1228, 1333,
1352, 1403, 1416, 1478, 1511, 1540, 1549-1551,
1575, 1580, 1641, 1642, 1667, 1711, 1739, 1788,
1791, 1848, 1860, 1941, 1954, 1987, 2001, 2014,
2024, 2150, 2166, 2168, 2223, 2242, 2255, 2317,
2324

NITRIC ACID

777, 817

NITROGEN

2, 68, 78, 148, 166, 225, 384, 436, 659, 668,
669, 784, 810, 823, 963, 965, 966, 972, 975,
1004, 1096, 1188-1190, 1206, 1207, 1224, 1226,
1268, 1269, 1347, 1376, 1423, 1508, 1528, 1602,
1724, 1730-1732, 1866, 1904, 2027, 2218, 2354

NITROGEN OXIDES

1511

NONCALCAREOUS

143

NUTRIENT DEFICIENCY

1530

NUTRITENT DEFICIENCY

1930

OLIGOMYCIN

1998

OSMOTIC PRESSURE

4, 138, 233, 380, 483, 484, 510, 511, 540, 576,
578, 623, 717, 1012, 1018, 1059, 1060, 1081,
1133, 1134, 1158, 1193-1195, 1203, 1248, 1270,
1289, 1298, 1318, 1368, 1372, 1373, 1411, 1500,
1506, 1512-1514, 1519, 1591, 1593, 1736, 1737,
1792, 1857, 1884, 1952, 2006, 2124, 2165, 2171,
2210

OSMOTIC STRESS

52, 185, 416, 528, 723, 1013, 1017, 1070, 1113,
1499, 1718, 2332, 2337

OXYGEN

26, 100, 1423, 1812, 2015, 2041

OXYGEN CONCENTRATION

723

OZONE

912, 913, 1294, 1523

PEAT MOSS

1261, 1262

PERCHLORATE

1845

PH

874

PHOSFON

23, 158, 1338, 1838, 2202, 2205-2209

PHOSPHATE

225, 299, 439, 461, 560, 590, 603, 616, 966,
1021, 1060, 1205, 1228, 1240, 1403, 1478, 1484,
1698, 1724, 1730-1732, 1820, 1821, 1899, 1941,
1986, 2350

PHOSPHOENOLPYRUVATE CARBOXYLASE

1553

PHOSPHORIC ACID

777, 817

PHOSPHORUS

3, 68, 95, 371, 806, 965, 1096, 1269, 1347,
1480, 1602, 1794, 1866, 2055, 2231, 2354

PLANT SPACING

459, 963, 971, 972, 1004, 1768

PLANTING METHOD

55, 460, 474, 967, 969, 1252, 1823, 1889

POLYETHYLENE GLYCOL

313, 396, 476, 907, 1012, 1013, 1203, 1218,
1334, 1593, 1676, 1679, 1722, 1737, 1792, 2174,
2180, 2182, 2317

POLYTHYLENE FILM

1590

POLYVINYLPYRROLIDONE

2285

POTASSIUM

30, 61, 68, 81, 92, 93, 100, 102, 175, 176,
225, 258, 275, 286, 299, 302, 326, 332, 333,
335, 405, 407, 408, 452, 461, 464, 465, 467,
484, 486, 497, 498, 502, 504, 518, 520, 530,
541, 560, 561, 584, 585, 597, 604, 620, 626,
633, 637, 682, 683, 686, 692, 705, 758, 769,
772, 775, 806, 819, 839, 846, 857, 860, 861,
881, 889, 892-894, 896, 952, 953, 960, 965,
966, 975, 976, 1003, 1017-1020, 1029, 1031,
1032, 1042, 1060, 1068, 1069, 1072, 1079, 1081,
1086, 1096, 1125, 1126, 1141, 1177, 1206, 1207,
1224-1229, 1244, 1254, 1269, 1281, 1282, 1301,
1318, 1333, 1340, 1345, 1347, 1349, 1352, 1367,
1373, 1399, 1403, 1404, 1416, 1445-1447, 1461,
1478, 1489, 1511-1514, 1548, 1553, 1573, 1641,
1643, 1645, 1667, 1693, 1694, 1716, 1718, 1719,
1723, 1730-1732, 1737, 1741, 1742, 1788, 1791,
1794, 1802, 1814, 1817, 1821, 1846, 1851, 1852,
1856, 1860, 1866, 1882, 1883, 1930, 1941, 1943,
1944, 1954, 1955, 1980, 1990, 1999, 2001, 2006,
2014, 2024, 2028, 2041, 2042, 2066, 2072, 2087,
2126, 2143, 2146, 2153, 2223, 2242, 2250, 2258,
2271, 2302, 2312, 2315, 2317, 2324, 2335, 2336,
2353

POTASSIUM CYANIDE

2104

PRE-EMERGENCE IRRIGATION

934, 985

PRECIPITATION

1397

PROLINE

155, 165

RHIZOBIUM

160, 409

RHIZOBIUM MELILOTI

2088

RHIZOBIUM TRIFOLII

145

RIBULOSE DISPHOSPHATE CARBOXYLASE

1553

ROOTSTOCK

141, 219, 220, 362, 418, 419, 422, 424-428,
430, 432-434, 436-438, 592-594, 661, 752, 800,
808, 836, 837, 877, 878, 1032, 1054, 1633,
1734, 1772, 1844, 2002, 2357

ROTYLENCHULUS RENIFORMIS

883

RUBIDIUM

633, 861, 1042

SALINE SODIC SOIL

238

SALINE SOIL

35, 40, 41, 50, 51, 54, 55, 68, 80, 116, 121,
 125, 136, 139, 153, 162, 181, 188, 190, 193,
 234, 240, 250, 253, 255, 280, 296, 316, 327,
 329, 330, 359, 373, 375, 389, 392, 394, 399,
 402, 413, 417, 429-431, 433, 434, 438, 448,
 454, 455, 458-460, 463, 491, 492, 496, 505,
 507, 512, 524, 533, 534, 539, 558, 568, 584,
 586, 604, 617, 623, 624, 627, 636-638, 641,
 651, 658, 691, 692, 703, 711, 730, 733, 753,
 770, 773, 780, 793, 803, 807, 815, 826, 838,
 839, 845, 849-854, 881, 883-886, 941, 961, 963,
 965-973, 985, 988, 994, 1016, 1021, 1085, 1098,
 1108, 1115, 1116, 1123, 1135, 1139, 1140, 1142,
 1145, 1147, 1151, 1155, 1160, 1201, 1211-1216,
 1223, 1258, 1260, 1262, 1305, 1336, 1365, 1371,
 1375, 1377, 1390, 1399, 1409-1411, 1428, 1437,
 1448, 1450, 1456, 1460, 1469, 1488, 1493, 1494,
 1496, 1519-1521, 1568, 1569, 1574, 1594, 1625,
 1629-1632, 1640, 1646, 1651, 1654, 1659, 1699,
 1719, 1722, 1726-1728, 1746, 1747, 1750, 1764,
 1768, 1776, 1782, 1806, 1807, 1812, 1816, 1822,
 1834, 1838, 1843, 1878, 1886, 1895, 1900, 1901,
 1907, 1940, 1946, 1952, 1960-1962, 1974-1977,
 1986, 1993, 2002, 2007, 2059, 2066, 2076-2078,
 2112, 2130, 2132, 2133, 2138, 2144, 2147, 2189,
 2193-2196, 2199, 2202, 2204, 2205, 2207-2209,
 2211, 2212, 2217, 2224, 2227, 2228, 2247, 2256,
 2262, 2263, 2265, 2272, 2306, 2310, 2314, 2321,
 2328, 2342, 2349, 2354

SALINE WATER

60, 181, 201, 334, 340, 361, 417, 429, 451,
 456, 474, 496, 620, 648, 659, 680, 700, 711,
 726, 727, 793, 841, 842, 845, 921, 958, 959,
 977, 1006, 1057, 1144, 1161, 1186, 1332, 1412,
 1479, 1579, 1608, 1644, 1649, 1728, 1747, 1767,
 1811, 1846, 1890, 1896, 2152, 2343, 2347, 2348

SALINITY

311, 674, 887, 1510

SALT DRIFT

450

SALT SPRAY

170, 179, 181, 277, 302, 369, 445, 451, 547,
 548, 550, 595, 683, 728, 821, 859, 918, 921,
 940, 943, 958, 1058, 1075, 1076, 1157, 1241,
 1265, 1331, 1364, 1394, 1414, 1415, 1439, 1440,
 1451, 1498, 1536, 1537, 1596, 1689, 1708, 1710,
 1747, 1775, 1781, 1849, 1870, 1953, 2039, 2090,
 2097, 2259, 2273-2275, 2292

SCARIFICATION

1306

SCION

139, 219, 220, 418, 419, 422, 424, 425, 428,
 430, 593, 594, 794, 800, 1406

SEA WATER

1, 20, 21, 38, 54, 64, 79, 99, 168-170, 172,
 179, 180, 184, 191, 235, 259, 262, 264, 265,
 293, 301, 302, 304, 306-308, 325, 344, 345,
 374, 380, 404, 409, 447, 454, 455, 472, 481,
 507, 508, 551, 561, 599, 600, 625, 630, 657,
 755, 818, 832, 833, 856, 900, 930, 956, 981,
 989, 997-1002, 1058, 1078, 1110, 1132, 1144,
 1162-1164, 1166, 1167, 1187, 1219, 1230, 1236,
 1267, 1268, 1271, 1273, 1275, 1276, 1278, 1302,
 1369, 1381, 1389, 1429, 1461, 1497, 1498, 1534,
 1557, 1558, 1591, 1598, 1636, 1648, 1661, 1689,
 1747, 1760, 1781, 1786, 1787, 1798, 1799, 1809,
 1849, 1884, 2099, 2100, 2113, 2213, 2225

SEED PELLETING

394

SEED PRETREATMENT

124, 132, 155, 242, 243, 313, 390, 462, 463,
 532, 706, 710, 712, 823, 907, 955, 1025, 1079,
 1167, 1203, 1289, 1332, 1398, 1417, 1418, 1493,
 1496, 1534, 1588, 1658, 1671, 1683, 1698, 1721,
 1809, 1828, 1831, 1839, 1899, 1909, 1942, 1943,
 1972, 1973, 1979-1981, 2014, 2057, 2063, 2123,
 2152, 2212, 2222, 2225, 2317, 2351

SILICON

78

SMOG

1511

SODIC SOIL

1975-1977

SODIUM

2-3, 10-12, 14-19, 22, 25-33, 36, 38, 43-49, 55-63, 69, 70, 74, 77, 81, 83, 87, 89-98, 100-114, 116-120, 123, 124, 126, 127, 131, 132, 134, 137-143, 151, 152, 155-161, 165-167, 171, 173, 175-178, 185, 186, 189, 198, 199, 215-220, 222-229, 231-233, 237, 239, 241-249, 251, 252, 256-258, 263, 266, 267, 269-273, 278-280, 283, 286, 288-292, 295, 297-300, 302, 303, 309, 313-315, 321-324, 326, 331-335, 341-344, 347, 351-353, 355, 357, 360, 362, 366, 367, 370-372, 376-378, 380, 384-386, 388, 390, 391, 393, 395-397, 400, 401, 405, 406, 409, 413, 415, 418, 419, 421, 422, 424, 426-428, 432, 435, 436, 438, 439, 441, 445-447, 452, 453, 461, 464-467, 469, 470, 473, 477, 478, 480-487, 489, 490, 493-495, 497, 498, 501, 502, 504, 506, 508, 509, 513, 515, 518-521, 525, 526, 530-532, 534, 538-541, 543, 545, 550, 552-557, 559, 561-575, 577, 578, 580-587, 589-592, 596-599, 602, 604-606, 608, 610, 612, 615, 616, 618-620, 626, 629-635, 637, 642-645, 647, 649, 650, 652-655, 657, 658, 660-669, 671, 672, 676-679, 683, 684, 686-690, 692, 694-699, 701-706, 709-715, 717-722, 749, 750, 752, 754-756, 758-763, 765-767, 769-772, 775, 776, 781, 786-792, 794-797, 801, 804, 808, 811, 813, 814, 816-819, 827, 829, 831, 838, 839, 843, 844, 846, 848, 855-858, 860-868, 870, 874-878, 880-883, 888, 889, 892-899, 903-906, 909, 911-916, 918, 919, 922-926, 928, 929, 931-934, 936-938, 940, 942, 944, 945, 947-956, 960, 962, 974-976, 978-982, 986-988, 990-993, 995, 996, 1000, 1004, 1005, 1007-1014, 1022-1025, 1032, 1033, 1036-1047, 1049-1053, 1055, 1056, 1058, 1059, 1061-1071, 1073, 1074, 1077, 1080-1083, 1086, 1087, 1090, 1094-1104, 1106, 1109, 1111-1114, 1117-1130, 1133, 1134, 1138, 1139, 1143, 1146, 1150, 1158, 1159, 1168, 1170, 1171, 1174, 1176-1182, 1185, 1187-1191, 1193-1200, 1204, 1205, 1208-1210, 1217-1222, 1224-1229, 1231, 1232, 1234, 1235, 1237-1240, 1242-1248, 1250, 1251, 1254, 1258, 1259, 1261, 1262, 1270, 1274, 1277, 1279, 1281, 1283-1287, 1289, 1290, 1294-1296, 1298, 1300, 1301, 1304, 1306, 1318, 1320, 1323-1325, 1327-1330, 1332-1336, 1340, 1345, 1350, 1352-1355, 1357, 1360, 1361, 1363, 1367, 1370, 1373, 1378-1380, 1382-1386, 1388, 1395-1398, 1401-1403, 1405-1407, 1412, 1413, 1416, 1419-1427, 1429-1433, 1435, 1436, 1441, 1444-1447, 1451, 1452, 1454, 1457, 1458, 1461, 1462, 1465-1468, 1470, 1472, 1474-1478, 1480-1486, 1489, 1500, 1501, 1506, 1507, 1519, 1521-1535, 1538-1551, 1553-1567, 1571-

1573, 1575-1578, 1580-1589, 1592-1595, 1599-1603, 1605-1607, 1609, 1610, 1615-1619, 1627, 1628, 1631-1635, 1639, 1641-1643, 1645, 1647, 1651-1654, 1657, 1658, 1660, 1662, 1663, 1665-1667, 1669-1680, 1683, 1684, 1688, 1692-1694, 1697, 1698, 1700-1706, 1708, 1709, 1711-1724, 1726, 1729-1742, 1748, 1749, 1753, 1754, 1757-1759, 1761, 1762, 1766, 1780, 1784-1791, 1800, 1803, 1805, 1806, 1808, 1810, 1812-1814, 1817, 1821, 1824-1837, 1839, 1841, 1845-1848, 1851-1853, 1856, 1857, 1860, 1865-1867, 1871-1878, 1880-1883, 1885, 1889, 1892-1894, 1897, 1902, 1903, 1905, 1906, 1908, 1909, 1914-1917, 1919-1925, 1927-1930, 1933-1940, 1943, 1944, 1947-1950, 1956-1958, 1960-1963, 1965-1970, 1973, 1978-1981, 1983, 1985-1987, 1989-1992, 1994, 1997-2001, 2006, 2010, 2014-2018, 2030, 2034-2036, 2038, 2040-2042, 2044-2050, 2052, 2053, 2055, 2056, 2065-2069, 2072-2075, 2079-2083, 2087-2089, 2093-2095, 2097, 2099, 2100, 2104-2111, 2115-2121, 2123-2128, 2134-2136, 2139-2143, 2145, 2146, 2148-2151, 2153, 2159-2164, 2166-2168, 2171-2188, 2190-2192, 2197, 2198, 2203, 2204, 2206, 2208-2212, 2214-2216, 2222, 2223, 2229-2246, 2248, 2250-2258, 2261, 2262, 2266, 2268, 2269, 2271, 2276, 2283, 2285-2287, 2291, 2293, 2295-2302, 2307, 2309, 2312, 2313, 2315, 2316, 2320-2329, 2333-2335, 2338-2341, 2345, 2346, 2350, 2352, 2353, 2356, 2357

SODIUM ADSORPTION PERCENTAGE

4, 1320, 1327-1329, 1709

SODIUM ADSORPTION RATIO

2, 3, 271, 376, 436, 462, 486, 497, 498, 617, 942, 1072, 1135, 1176, 1180, 1181, 1260, 1570, 1581, 1586, 1588, 1652, 1653, 1904, 1972, 1979, 1981, 2276, 2323

SODIUM AZIDE

2104

SOIL CONDITIONER

377

SOIL DEPTH

226

SOIL MANAGEMENT

1891

SOIL MOISTURE

499, 1288, 1991, 2195, 2232, 2237, 2240, 2241

SOIL MOISTURE TENSION

723

SOIL RECLAMATION

1891

SOIL SALINITY

278

SOIL TYPE

232, 442, 735, 869, 1025, 1627, 1709, 1725,
1880, 2012, 2330

SOLONCHAK

757

SOLONETZ

705, 757, 1720, 1866, 2060

SOLUBLE SODIUM PERCENTAGE

587, 588

SPLIT-ROOT

1893

SPRINKLER IRRIGATION

222, 321, 541, 726, 727, 751, 831, 841, 889,
1767, 2154

SPRINKLING FREQUENCY

223

STRAW MULCH

118

SUCROSE

244, 717, 895, 1094, 2001, 2285

SUGAR

331, 1106, 2014

SULFATE

10, 17-19, 30, 33, 36, 38, 57-60, 63, 74, 76,
89, 90, 92, 93, 97, 102, 103, 105, 107, 117,
120, 128, 132-134, 138, 139, 141, 149, 152,
174-176, 178, 182, 188, 220, 227, 229, 234,
237, 249, 251, 256, 258, 270, 276, 278, 280,
286, 289, 302, 314, 315, 324, 326-328, 331-334,
363, 366, 376, 396, 398, 401, 403, 405, 407,
408, 413, 421, 422, 436, 438, 439, 443, 444,
446, 442, 464, 467, 484, 485, 490, 500, 502,
504, 509, 531, 534, 537, 538, 540, 543, 552-
556, 559-562, 571-573, 592, 597, 598, 603, 604,
608, 610, 616, 620, 626, 629, 637, 638, 642,
646, 668, 669, 671, 678, 682, 683, 692, 693,
695, 696, 698, 705, 706, 712, 713, 715, 721,
743, 750, 752, 769, 777, 780, 782, 787, 789-
791, 803, 806, 812, 831, 838, 843, 846, 848,
857, 858, 861-868, 870, 875-878, 880-882, 899,
902, 904, 911, 936, 937, 945, 954, 956, 960,
978, 982, 983, 986-988, 1003, 1005, 1007, 1009,
1020, 1022, 1029, 1031, 1037, 1040, 1043, 1045,
1051, 1060, 1062, 1068, 1069, 1080, 1086, 1087,
1090, 1098, 1111, 1122, 1126, 1129, 1133-1135,
1142, 1150, 1153, 1154, 1170, 1171, 1196-1198,
1200, 1202, 1205-1207, 1209, 1217, 1228, 1229,
1232, 1239, 1240, 1244, 1251, 1253, 1254, 1257,
1260, 1281, 1290, 1296, 1298, 1300, 1304, 1323,
1332, 1336, 1349, 1352, 1354, 1355, 1357, 1358,
1373, 1382, 1401, 1403, 1407, 1412, 1416, 1422,
1423, 1431-1434, 1441, 1452, 1459, 1465, 1467,
1472, 1474-1478, 1511, 1519-1521, 1539, 1548,
1553, 1566, 1572, 1573, 1575, 1582-1587, 1589,
1592, 1597, 1605, 1608, 1627-1629, 1635, 1641-
1643, 1645, 1654, 1664, 1665, 1667, 1669-1674,
1681, 1683, 1684, 1688, 1693, 1694, 1700-1704,
1711, 1712, 1716, 1719, 1721-1723, 1730, 1737,
1739-1741, 1761, 1766, 1788, 1791, 1805, 1806,
1811, 1820, 1826-1833, 1835-1837, 1846, 1847,
1852, 1856, 1857, 1860, 1862, 1865, 1867, 1875-
1879, 1886, 1897, 1902, 1903, 1905, 1906, 1908,
1916, 1919-1925, 1927, 1929-1932, 1934-1937,
1940, 1941, 1944, 1954, 1955, 1957, 1970, 1978,
1981, 1987, 2004, 2014, 2018, 2022-2024, 2026,
2030, 2045, 2058, 2060, 2065-2068, 2072-2075,
2081, 2099-2101, 2103, 2111, 2121, 2126, 2132,
2133, 2135, 2146, 2153, 2166, 2168, 2175, 2178,
2179, 2181-2183, 2186, 2187, 2198, 2199, 2211,
2212, 2220, 2223, 2224, 2231, 2239, 2242, 2243,
2245, 2251, 2253, 2254, 2268, 2269, 2271, 2302,
2313, 2315, 2335, 2336, 2340, 2346-2348, 2350-
2352, 2357

SULFUR

296, 817

SULFUR DIOXIDE

543, 1511

SULFURIC ACID

817

SUPERPHOSPHATE

817, 1349

SYLVINITE

1229

TEMPERATURE

32, 38, 56, 120, 168, 264-267, 313, 499, 578,
 580, 644, 672, 674, 717, 756, 781, 907, 943,
 1012, 1017, 1018, 1060, 1070, 1079, 1105, 1106,
 1129, 1285, 1286, 1306, 1349, 1368, 1429, 1442,
 1443, 1507, 1522, 1534, 1535, 1562, 1567, 1573,
 1646, 1649, 1658, 1729, 1760, 1786, 1870, 1871,
 1873, 1876, 1877, 1889, 1927, 1999, 2032, 2094,
 2095, 2127, 2190, 2191, 2198, 2253, 2307

TRANSPIRATION

1992

TRASH-VEINS

1590

TRIISOPROPANOLAMINE

946

TRIPHENYL TETRAZOLIUM CHLORIDE

2106

TRYPTOPHAN

580

URACIL

1605

UREA

777, 843, 1417

VARIETY

5, 12, 14-16, 19, 25, 31, 44, 45, 47, 48, 62,
 70, 74, 80, 85, 87, 94, 104, 113, 126, 127,
 137, 139, 140, 149, 178, 215-217, 219, 238,
 250, 252, 253, 258, 292, 322, 435, 440, 459,
 464, 469, 470, 490, 491, 493-495, 506, 510,
 511, 552, 568, 575, 580, 581, 603, 618, 619,
 644, 653, 663, 688, 699, 719, 720, 759, 763,
 790, 808, 810, 811, 848, 858, 888, 895, 934,
 945, 951, 954, 962, 987, 994, 1001, 1007-1012,
 1021, 1024, 1025, 1036-1038, 1040, 1046, 1047,
 1049, 1050, 1053-1056, 1063-1066, 1069, 1072,
 1073, 1080, 1087, 1099, 1104, 1111, 1125, 1155,
 1160, 1163, 1167, 1174, 1185, 1219, 1242, 1246,
 1249, 1251, 1282, 1284, 1305, 1320, 1323, 1327-
 1330, 1369, 1396-1399, 1402, 1410, 1413, 1414,
 1429-1431, 1457, 1458, 1472, 1493, 1526, 1561,
 1563, 1565, 1575, 1578, 1579, 1581, 1584, 1585,
 1587, 1591, 1592, 1594, 1595, 1601, 1606, 1628,
 1631, 1632, 1652, 1653, 1662, 1672, 1683, 1684,
 1697, 1711, 1712, 1715, 1723, 1733, 1737, 1749,
 1782, 1808, 1810, 1815, 1832, 1834, 1844, 1855,
 1860, 1875, 1877, 1879, 1882, 1902, 1903, 1905-
 1907, 1915, 1950, 1951, 1963, 1974-1977, 1982,
 1993, 1994, 1997, 2004, 2048-2050, 2052, 2056,
 2077, 2089, 2099, 2100, 2111, 2124, 2128, 2136,
 2150, 2151, 2172, 2176, 2180, 2203-2206, 2209,
 2210, 2212-2215, 2246, 2247, 2302, 2315, 2316,
 2319, 2329, 2333, 2334, 2337, 2349

VERMICULITE

20

VINYL ACETATE-MALEIC ACID

232, 869, 1279, 1345, 1346

WASTE WATER EFFLUENT

1473

WATER QUALITY

64, 201, 224, 283, 344, 422, 977, 1072, 1136,
 1913, 2156, 2169

WATER STRESS

56, 114, 185, 233, 249, 577, 784, 1018, 1021,
 1025, 1053, 1060, 1100, 1218, 1289, 1401, 1499,
 1503, 1511, 1567, 1647, 1802, 1874, 1889, 2032,
 2181

WATER TABLE

64, 122, 388, 909, 1021, 1108, 1260, 1288,
 1618, 1619, 1823, 2224, 2265

WHEAT STRAW

119

WIND

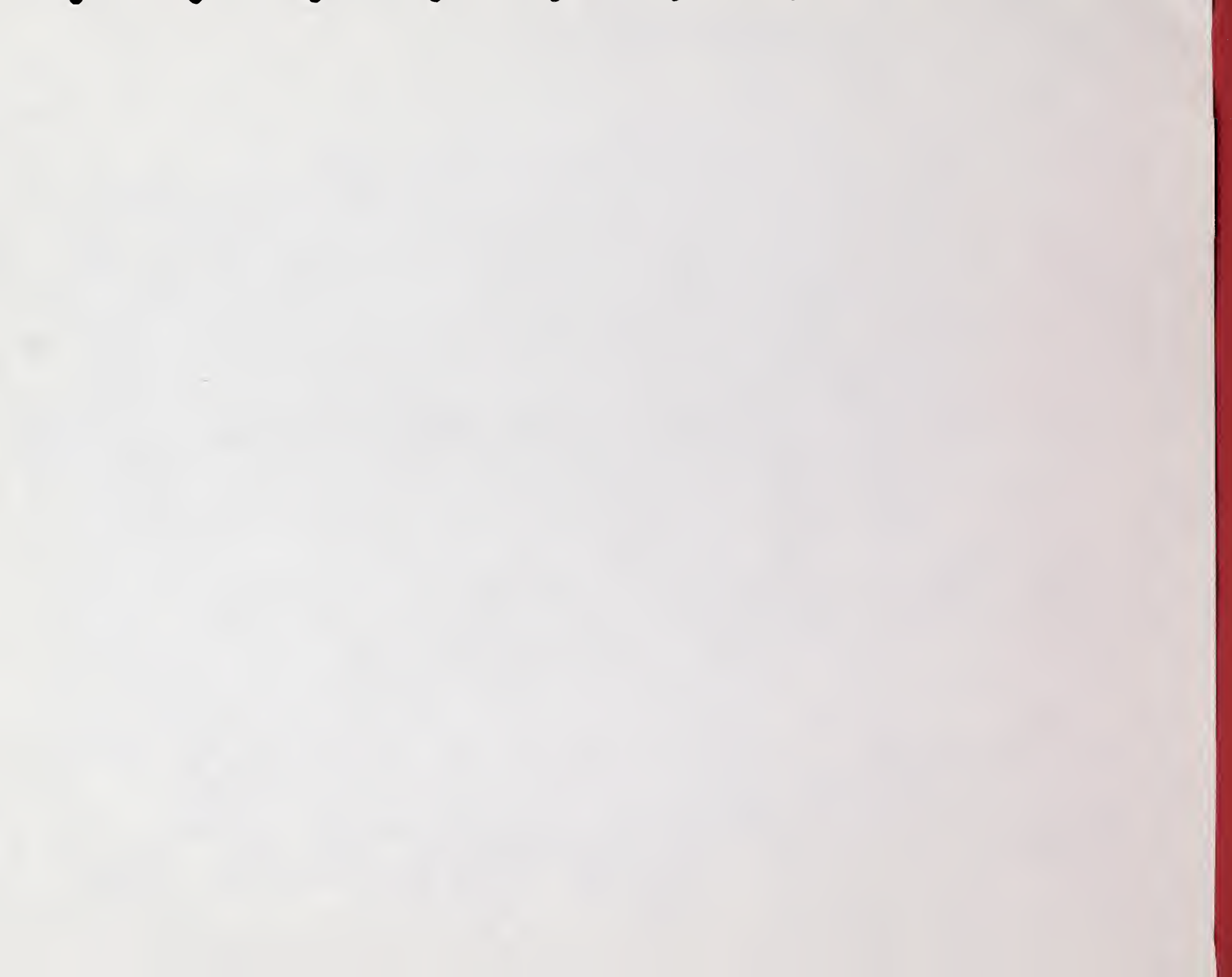
179, 607

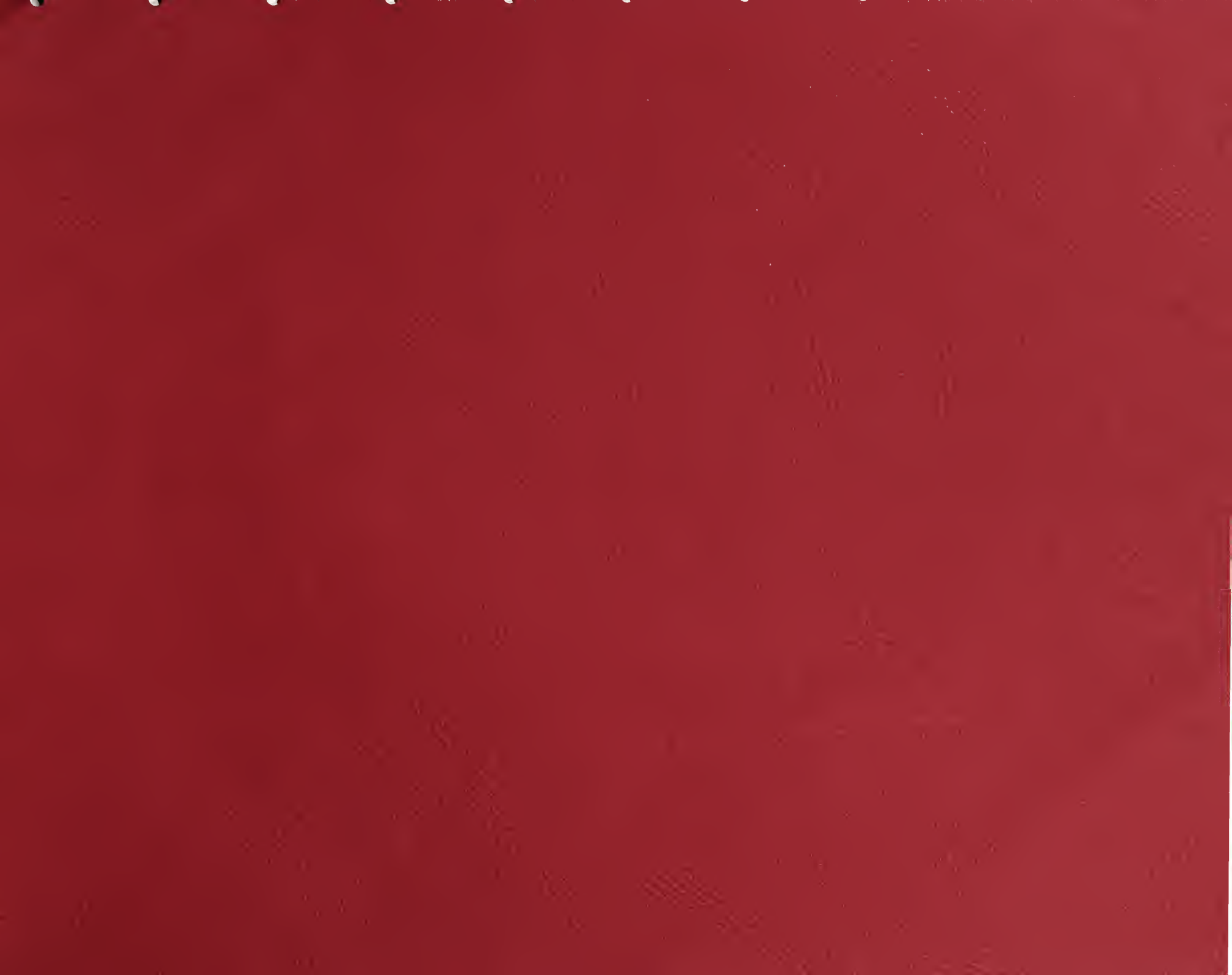
YEAST EXTRACT

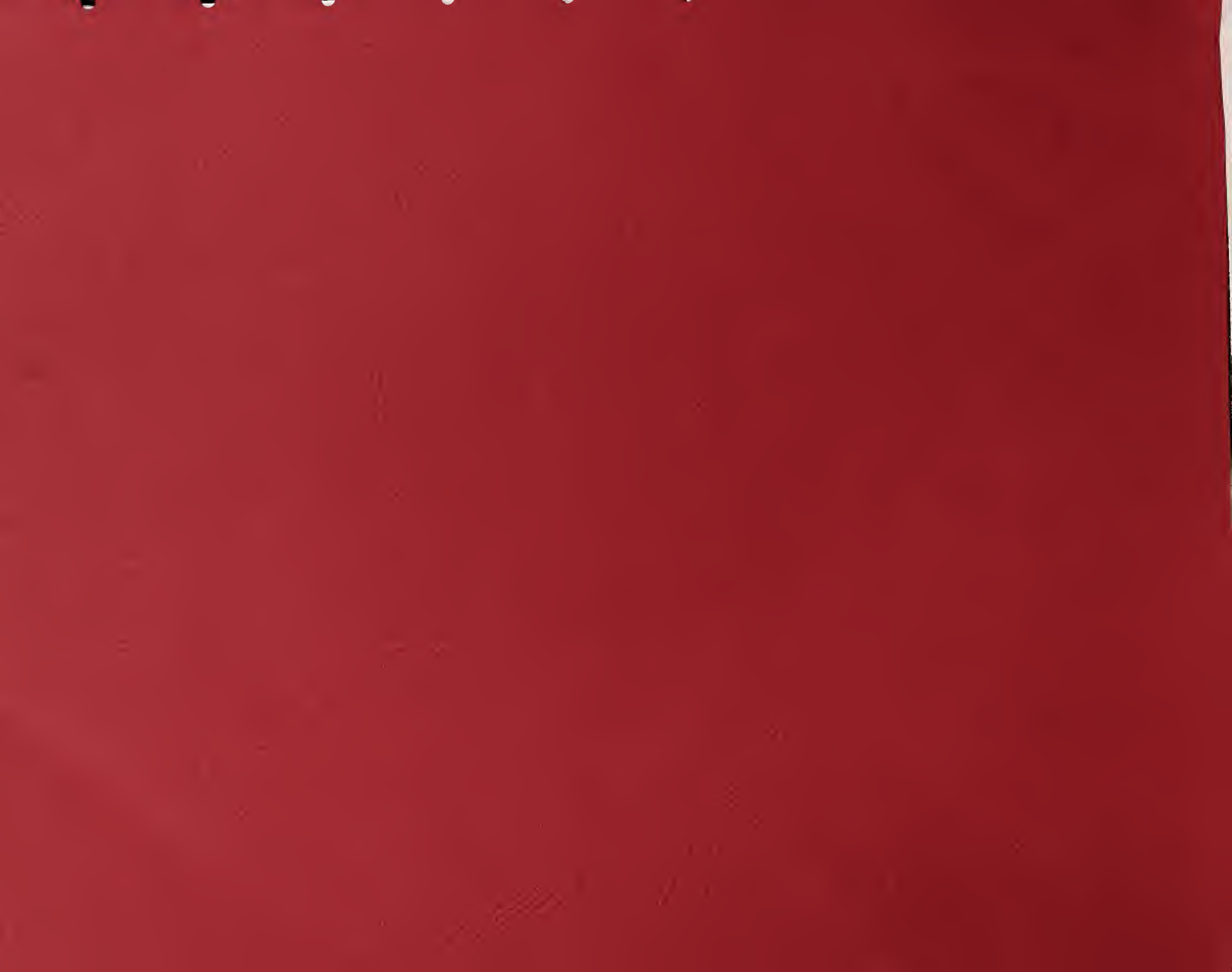
1416

ZINC

152. 1028. 1295. 1337. 1347. 2003







MASTER INDEX

ABSCISIC ACID
 1419-1421, 2118, 2121
 ACID PHOSPHATASE
 566, 632, 1526
 ADENOSINE DIPHOSPHATE
 865, 1435
 ADENOSINE MONOPHOSPHATE
 865, 1435
 ADENOSINE TRIPHOSPHATASE
 630
 ADENOSINE TRIPHOSPHATE
 865, 1435
 ALANINE
 737, 932, 1572, 1588
 ALBUMIN
 2076
 ALKALI TOLERANCE
 881, 1084, 1257
 ALUMINUM UPTAKE
 2325
 AMIDE
 1938
 AMINO ACID
 131, 154, 165, 737, 751, 931, 1005, 1062, 1094,
 1102, 1407, 1450, 1571, 1572, 1670, 1671, 1700,
 1799, 1824, 1938, 2067, 2130
 AMINO ACID LOSS
 948
 AMINO ACID UPTAKE
 1061
 AMINO NITROGEN
 1680
 AMMONIA UPTAKE
 2078
 AMMONIFICATION
 721, 1987
 AMYLASE
 566, 1206, 1207, 1556-1558, 1834, 1875
 ANATOMICAL RESPONSE
 301, 302, 402, 470, 501, 546, 651, 702, 703,
 718, 839, 874, 875, 880, 1139, 1146, 1655,
 1689, 1811, 1897, 2174, 2175, 2268
 ANTHOCYANIN
 2065
 ARGININE
 737, 932, 1588, 1670, 2081
 ARSENIC UPTAKE
 1246
 ASCORBIC ACID
 789, 1660

ASCORBIC ACID OXIDASE
 741
 ASH
 21, 247, 308, 845, 1629, 1943, 2067, 2082,
 2341
 ASPARAGINE
 1572
 ASPARTATE AMINOTRANSFERASES
 932
 ASPARTATE TRANSAMINASE
 769
 ASPARTIC ACID
 737, 1588
 ASSIMILATION
 276, 289, 1183, 1824, 2295
 AUXIN
 1466, 1969
 AUXIN TRANSPORT
 1465
 8-FRUCTOFURANOSIDASE
 566
 BEET YIELD
 484
 BETAINE
 2052, 2053
 BETANIN
 323
 BIOCOLLOIDS
 1943, 2003
 BOLL PRODUCTION
 2028
 BORON DEFICIENCY
 682
 BORON FIXATION
 2008
 BORON TOLERANCE
 115, 150, 422, 535, 542, 1408, 1855, 1859,
 2031, 2288, 2289
 BORON TOXICITY
 1685, 1855
 BORON UPTAKE
 53, 66, 88, 150, 274, 397, 421, 422, 429, 432,
 536, 579, 639, 640, 725, 734-738, 741, 743,
 744, 746, 747, 783-785, 800, 809, 836, 837,
 869, 935, 941, 946, 1026, 1156, 1351, 1455,
 1473, 1509, 1516, 1604, 1633, 1634, 1638, 1765,
 1804, 1843, 1860, 2008, 2051, 2129, 2155, 2338
 BORON-PROTEIN COMPLEXES
 736
 BUD BREAK
 2029
 CACHEXIA
 434

CADAVERINE

1670, 2079, 2080

CALCIUM UPTAKE

146, 300, 390, 639, 704, 714, 717, 718, 742,
1026, 1176, 1228, 1287, 1344, 1351, 1385, 1389,
1406, 1444, 1505, 1705, 1709, 1720, 1840, 2016,
2100, 2203, 2242

CANE YIELD

545, 569, 637

CARBOHYDRATE

51, 70, 132, 174, 239, 247, 308, 326, 572, 693,
739, 991, 1206, 1443, 1543, 1580, 1937, 1965,
2077, 2238

CARBOHYDRATE METABOLISM

974, 1354, 1530, 1665, 1861, 1942

CARBON DIOXIDE ASSIMILATION

289

CARBON DIOXIDE FIXATION

2159

CARBON FIXATION

1947

CAROTENE

322, 366, 509, 1109, 1183, 1730

CAROTENE OIL

1728

CAROTENOIDS

509, 571, 1097, 1662

CATALASE

245, 566, 741

CATALASE ACTIVITY

1826

CATION EXCHANGE

1268

CELL DIVISION

292, 1423, 2352

CELL PLASMA

398

CELL SAP CONCENTRATION

539, 668, 1059, 1060

CELL SIZE

292

CELLULOSE

51, 308, 1213

CHLORIDE TOLERANCE

115, 285, 341, 342, 422, 593, 607

CHLORIDE TOXICITY

2221

CHLORIDE UPTAKE

12, 43, 77, 79, 84, 139, 163, 186, 220, 229,
272, 273, 279, 326, 330, 359, 363, 369, 373,
378, 387, 399, 417, 419, 421, 422, 426, 427,
429, 432, 435, 438, 441-445, 450, 451, 468,
482, 487, 502, 504, 513, 515, 520, 525, 551,
552, 554-556, 574, 581, 593, 602, 605-607, 612,
613, 660, 662-666, 683, 689, 690, 711, 712,
727, 759-763, 766, 767, 770, 771, 775, 778,
793, 802, 804, 807, 810, 821, 845, 851-854,
859, 864, 875, 904-906, 911, 917-919, 922, 923,
925, 926, 949, 974, 991, 993, 995, 996, 1008,
1010, 1012, 1020, 1023, 1055, 1075, 1076, 1107,
1110, 1124, 1141, 1158, 1168, 1187, 1191, 1220,
1222, 1244, 1247, 1263, 1264, 1287, 1356, 1364,
1383, 1385, 1389, 1392, 1406, 1439, 1457, 1472,
1492, 1527, 1541, 1549, 1550, 1555, 1556, 1619,
1621, 1633-1635, 1651, 1659, 1718, 1719, 1726,
1742, 1753, 1796, 1800, 1809, 1819, 1844, 1850,
1869, 1883, 1892, 1893, 1926, 1933, 1945, 1946,
1948, 1955, 1969, 1991, 1992, 2014, 2030, 2040,
2048, 2067, 2082, 2097, 2104, 2107, 2108, 2113,
2114, 2117, 2138, 2139, 2141, 2147, 2149, 2163,
2182, 2216, 2221, 2242, 2257, 2268, 2292, 2323,
2324, 2345, 2348

CHLOROPHYLL

96, 175, 237, 276, 291, 323, 360, 366, 509,
565, 577, 741, 745, 747, 996, 1058, 1109, 1183,
1198, 1482, 1659, 1662, 1678, 1759, 1785, 2063,
2066, 2235, 2269

CHLOROPHYLL "A"

571, 1097, 1166

CHLOROPHYLL "B"

571, 1097, 1166

CHLOROPHYLL DECAY

1506

CHLOROPLAST

1200, 1486, 1494

CHLOROSIS

1390, 1645, 1666

CHOLINE

2052, 2053

CITRATE

1784

CITRIC ACID

2223, 2235, 2236

CLUSTER NUMBER

1111

COLD HARDINESS

1634, 1635, 2094, 2095

COPPER UPTAKE

741

COTYLEDON GROWTH
1489

CRASSULACEAN ACID METABOLISM
2159, 2301

CROP QUALITY
58, 190, 681, 685, 1000, 1126, 1135, 1226,
1250, 1324, 1353, 1375, 1621, 1708, 1766, 1971,
2026, 2223, 2265, 2283

CYSTEINE
1920

CYSTINE
1588, 1670, 1920

CYTOCHROME OXIDASE
673, 741, 750, 1403, 2166

CYTOKININ
185, 290, 980, 1419, 1464, 2197

CYTOLOGY
706, 839, 960, 1169, 1811, 1897, 2174, 2175

DEHYDROGENASE
1080

DEHYDROGENASE ACTIVITY
790

DESOXYRIBONUCLEIC ACID
60, 1040, 1041, 1044, 1095, 1325, 1481, 1486,
1723, 2118, 2162, 2168, 2177, 2178

DEXTRIN
2238

DIFFUSION PRESSURE DEFICIT
2001

DISACCHARIDE
50

DISULFIDE GROUP
1958

DORMANCY
1533, 1535

DRAINAGE
201

ECOLOGY
24, 54, 170, 184, 188, 193, 354, 359, 361, 380,
393, 450, 524, 624, 628, 629, 728, 733, 753,
773, 815, 839, 852, 856, 943, 961, 1085, 1089,
1132, 1215, 1260, 1265, 1335, 1370, 1409, 1440,
1537, 1590, 1637, 1699, 1710, 1747, 1754, 1763,
1775, 1822, 1869, 1886, 1900, 1901, 1953, 1959-
1961, 2005, 2009, 2010, 2039, 2085, 2113, 2189,
2193, 2194, 2196, 2199, 2227, 2273, 2274, 2277,
2305, 2306, 2311, 2356

EMERGENCE
4, 55, 56, 98, 104, 257, 313, 332, 1031, 1053,
1063, 1073, 1261, 1289, 1320, 1328, 1365, 1366,
1378, 1457, 1816, 1944, 1945, 2056, 2188

ENDOMYCORRHIZAE
798

ENZYME
289, 632, 931, 932, 960, 1045, 1068, 1097,
1206, 2270

ENZYME ACTIVITY
41, 96, 101, 102, 314, 633, 634, 673, 736, 790,
868, 933, 934, 1005, 1034, 1039, 1095, 1169,
1232, 1304, 1325, 1403, 1553, 1557, 1558, 1571,
1647, 1654, 1657, 1665, 1787, 1826, 1827, 1834,
1924, 1947, 2044, 2079-2081, 2269, 2271

EVAPOTRANSPIRATION
201, 1268, 1269, 1276, 1288, 1649

EXCHANGEABLE SODIUM PERCENTAGE
1569, 1763

EXTRACELLULAR SALT ACCUMULATION
1514

EXUDATION
2341

FAT
239, 308, 892, 894

FATTY ACID
124

FIBER QUALITY
1251

FLAVOOXIDASE
750

FLAVOPROTEIN
750

FLOOD INJURY
1756

FLOWER QUALITY
1802

FLOWERING
97, 255, 482, 710, 849, 876, 878, 880, 903,
915, 937, 988, 990, 1000, 1011, 1110, 1298,
1397, 1413, 1457, 1542, 1594, 1649, 1808, 1838,
1848, 1965, 2124, 2208, 2324

FRUCTOSE
1671, 2352

FRUIT DROP
1415

FRUIT GROWTH
1428

FRUIT QUALITY
236, 618, 659, 660, 1059, 1324, 1360, 1388,
1462, 1542, 1577, 1955, 2119

FRUIT SIZE
1944

FRUIT YIELD
141, 843, 1111, 1138, 1404, 2211

FRUITING
1250, 1978, 1995

GENETIC INTERACTION

11, 44, 46, 47, 250, 493, 599, 656, 661, 662,
1155, 1159, 1290, 1358, 1457, 1681, 1707, 1898,
1977, 2058, 2063

GERMINATION

4, 10, 12, 14, 15, 25, 26, 29, 32, 38, 43, 45,
52, 56, 57, 60, 74, 89, 94, 104, 112, 120, 124,
126, 127, 130, 134, 135, 138, 140, 142-145,
149, 153, 155, 168, 173, 177, 178, 189, 227,
232, 240, 249, 252, 255-257, 263-267, 281, 290,
313, 325, 331-333, 362, 372, 380, 385, 387,
390, 391, 396, 403-406, 412, 414, 415, 441,
446-448, 454, 455, 461, 463-466, 476, 490, 494,
495, 506, 510, 511, 522, 523, 529-532, 568,
569, 598, 610, 619, 635, 643, 644, 649, 650,
652, 657, 699, 715, 719, 720, 746, 750, 791,
795-797, 814, 827, 846-848, 850, 864, 873, 881,
882, 895, 904, 907, 948, 951-955, 962, 969,
981, 987, 989, 992, 999, 1000, 1007, 1016,
1038, 1039, 1046, 1048, 1059, 1064-1066, 1071,
1079, 1080, 1099, 1103-1107, 1110, 1139, 1140,
1145, 1146, 1160, 1163, 1164, 1167, 1168, 1135,
1203, 1210, 1230, 1242, 1245, 1252, 1254, 1261,
1287, 1298, 1299, 1301, 1306, 1320, 1327-1330,
1333, 1334, 1360, 1361, 1368, 1370, 1377, 1378,
1381, 1398, 1402, 1405, 1422, 1429, 1452, 1467-
1469, 1474-1476, 1493, 1497, 1507, 1519, 1521,
1522, 1533-1535, 1557, 1558, 1561, 1563-1565,
1567, 1575, 1578, 1581-1583, 1587, 1593, 1601,
1603, 1608, 1615, 1616, 1625, 1627, 1628, 1644,
1652, 1653, 1658, 1661, 1670, 1676, 1679, 1680,
1684, 1694, 1698, 1706, 1711-1716, 1721, 1722,
1736, 1737, 1760, 1766, 1767, 1776, 1786, 1791,
1797, 1805, 1810, 1811, 1813, 1815, 1834, 1839,
1845, 1870, 1871, 1873, 1875, 1876, 1878, 1879,
1881, 1889, 1894, 1899, 1902, 1903, 1905, 1907-
1910, 1913, 1915, 1918, 1941, 1943, 1956, 1978-
1982, 1985, 1988, 1994, 2004, 2032, 2034, 2035,
2045, 2047, 2057, 2059, 2063, 2087-2089, 2116,
2123, 2125, 2127, 2134, 2136, 2149, 2151, 2164,
2165, 2171, 2172, 2188, 2190-2192, 2198, 2205-
2207, 2209, 2210, 2212-2214, 2217, 2222, 2225,
2226, 2231, 2246-2248, 2285, 2293, 2302, 2307,
2316, 2317, 2332, 2335-2337, 2339, 2343, 2352

GLUCOSE

1651, 1671, 1782, 2067, 2153, 2352

GLUCOSE OXIDASE

1206, 1207

GLUCOSE UPTAKE

1067

GLUCOSE-6-PHOSPHATE DEHYDROGENASE

630, 632, 769, 1067, 1657

GLUTAMATE

931

GLUTAMATE DEHYDROGENASE

932

GLUTAMIC ACID

737, 932, 1572

GLUTAMINE

1572, 1588

GLUTAMINE SYNTHETASE

931, 932

GLYCINE

737

GLYCOALKALOID

131

GLYCOLATE OXIDASE

102

GLYCOLYSIS

1357

GRAIN SHAPE

1559

GRAIN WEIGHT

1037, 2321

GRAIN YIELD

19, 27, 80, 125, 166, 388, 469, 474, 482, 489,
512, 518, 520, 559, 570, 600, 605, 759, 763,
784, 831, 859, 962, 997, 1000, 1004, 1006,
1008, 1024, 1036, 1049, 1050, 1052, 1053, 1165,
1208, 1209, 1260, 1261, 1332, 1430, 1469, 1497,
1532, 1580, 1582, 1586, 1599, 1600, 1610, 1733,
1808, 1988, 1989, 2004, 2125, 2163, 2166, 2172,
2215, 2218, 2226, 2321, 2322

GROWTH

7, 229, 1494

GROWTH RATE

2295

GROWTH REGULATORS

1101

GUTTATION

984, 1514

HISTIDINE

1588, 1670

HISTOLOGY

40, 99, 103, 280, 316, 402, 703, 718, 857, 860,
874, 876, 1169, 1655, 1689, 2071, 2286

HORMONES

675, 1464

HYBRID

44, 599, 651, 661, 1457, 1734

HYDROGEN SULFIDE FORMATION

1921

INHERITANCE

11, 44, 46, 47, 250, 328, 662, 1977

ION CONTENT
1243

ION LOSS
655

ION TRANSLOCATION
760, 775, 794, 1484

ION TRANSPORT
335

ION TRANSPORT KINETICS
1447, 1512

ION UPTAKE
6, 99, 335, 1042, 1069, 1118, 1125

IRON CHLOROSIS
437

IRON UPTAKE
452, 735, 736, 741, 1295

ISOCITRATE DEHYDROGENENASE
769

ISOZYME
2271

KETO ACID METABOLISM
1669

KINETIN
980

LACTIC ACID
868

LACTIC DEHYDROGENASE ACTIVITY
868

LEACHING REQUIREMENT
224

LEAF AREA
292

LEAF DIFFUSIVE RESISTANCE
1019

LEAF INJURY
11, 12, 33, 53, 70-72, 75, 92, 100, 105, 108,
109, 116, 121, 125, 151, 162, 163, 171, 179,
180, 183, 186, 191, 216-219, 222, 223, 229,
233, 235, 237, 268, 271, 274, 278, 286, 288,
294, 300-302, 317, 320, 323, 324, 341, 345,
350-353, 357, 360, 374, 378, 380, 407, 408,
412, 417-419, 421, 422, 424, 425, 427-430, 433,
435-438, 440-442, 445, 451, 453-456, 468, 471,
477, 481, 482, 492, 501, 508, 516, 534, 535,
538, 542, 544, 547, 548, 550, 552-556, 561,
579, 592, 593, 595, 602, 607, 617, 620, 639,
654, 662, 667, 672, 682, 683, 696, 698, 706,
713, 724, 725, 737-739, 743-747, 785, 793, 798,
799, 801, 803, 804, 806-810, 812, 820-822, 834,
836, 837, 840-842, 845, 874, 877, 878, 887,
898, 899, 905, 906, 911, 917, 918, 922-926,
936, 958, 959, 974, 983, 984, 995, 1010, 1016,
1022, 1030, 1056, 1057, 1075, 1076, 1092, 1093,
1120, 1121, 1124, 1128, 1130, 1150, 1154, 1156,
1163, 1184, 1192, 1214, 1221, 1226, 1234, 1235,
1237, 1244, 1258, 1266, 1277, 1278, 1283, 1294,
1335, 1340, 1351, 1355, 1362, 1364, 1379, 1390,
1414, 1439, 1472, 1478, 1479, 1497, 1508, 1509,
1511, 1517, 1523, 1525, 1527, 1530, 1536, 1543,
1545, 1548, 1549, 1592, 1596, 1598, 1618, 1624,
1637, 1640, 1650, 1651, 1659, 1664, 1666, 1667,
1689, 1726, 1727, 1739, 1740, 1751, 1753, 1790,
1794, 1796, 1825, 1842, 1849, 1859, 1863, 1911,
1920, 1949, 1953, 1964, 1965, 1996, 2005, 2011,
2018, 2022, 2024, 2025, 2027, 2030, 2038, 2040,
2051, 2054, 2084, 2090, 2093-2095, 2097, 2098,
2105, 2109, 2110, 2117, 2129, 2138-2141, 2154,
2155, 2157, 2158, 2220, 2243, 2245, 2251, 2257,
2259, 2261, 2267, 2275, 2277, 2278, 2284, 2288,
2289, 2291, 2303, 2304, 2311, 2324, 2353

LEAF OSMOTIC VALUE
1814

LEAF PERMEABILITY
1388

LEAF SENESCENCE
1464, 1678

LEAF TEMPERATURE
1019, 2072

LEAF WATER CONTENT
8, 76, 121, 175, 557, 581, 702, 1375, 1420,
1442, 1784, 2113

LEAF WATER POTENTIAL
27, 30, 280, 371, 533, 613, 913, 916, 1893

LEUCINE
185, 819, 980, 1094, 1588

LEUCOANTHOCYANIN
2065

LIGNIFICATION
1629

LIGNIN
51

LINT YIELD
182, 340, 710, 1496, 1681, 2354

LIPID
615, 2169, 2177

LUMINESCENCE
672

LUTEIN
509

LYSINE
1588, 1670

MAGNESIUM UPTAKE
1444, 1709, 2047, 2242

MALATE
1784, 2159, 2301

MALATE DEHYDROGENASE
630, 632-634, 769, 867, 1067, 1068, 1787, 2271

MALATE DEHYDROGENASE ACTIVITY
275

MALIC ACID
2223, 2235, 2236

MALTOSE
960

MANGANESE UPTAKE
1026, 1295

MANNITOL UPTAKE
776

MESOPHYLL THICKNESS
292

METABOLISM
1194, 1195, 1437, 2177, 2335, 2336

METHIONINE
1920, 1923

MINERAL COMPOSITION
1-3, 6, 10, 20-22, 30, 36, 40, 49, 61, 62, 68, 70, 74, 75, 87, 92, 93, 99, 105, 108, 109, 111, 113, 116, 117, 120, 121, 142, 146, 147, 151, 156, 157, 161, 167, 172, 176, 182, 183, 186, 199, 215-220, 222, 223, 225, 226, 228, 232, 233, 237, 251, 262, 268, 269, 272, 273, 280, 294, 299, 316, 322-324, 335, 344, 351-353, 355, 360, 363, 377, 386, 387, 389, 409, 417, 418, 422, 425, 426, 428, 431, 433, 436, 452, 453, 462, 467, 473, 485, 486, 497, 498, 500, 520, 524, 538, 540, 541, 543, 552, 553, 556, 560, 561, 563, 564, 581, 583-585, 588, 589, 591, 592, 594, 600, 605, 623, 642, 643, 652-655, 672, 679, 681, 688-690, 693, 695, 697, 698, 704, 709, 749, 752, 754, 758, 781, 798, 801, 803, 804, 810-812, 817, 822, 832, 840-842, 844, 858, 862, 863, 876, 878, 886, 888, 892, 894, 899, 940, 944, 947, 966, 973, 976, 998, 1001-1003, 1029, 1032, 1033, 1043, 1047, 1050, 1051, 1056, 1057, 1061, 1075, 1082, 1083, 1117, 1119, 1127, 1129, 1134, 1139, 1151, 1154, 1158, 1162, 1165, 1171, 1178-1180, 1186, 1198, 1201, 1222, 1224, 1227, 1267, 1271-1275, 1285, 1294, 1295, 1318, 1324, 1339, 1341-1347, 1354, 1363, 1367, 1380, 1382, 1390, 1404, 1406, 1426, 1449, 1458, 1459, 1485, 1497, 1539, 1540, 1542-1545, 1547, 1548, 1551, 1556, 1560, 1570, 1571, 1576, 1577, 1580, 1591, 1602, 1603, 1616, 1620, 1631, 1636, 1642, 1646, 1659, 1674, 1703, 1704, 1720, 1729, 1732, 1738, 1739, 1741, 1742, 1759, 1763, 1774, 1782, 1784, 1787, 1803, 1807, 1814, 1817, 1820, 1821, 1830, 1833, 1852, 1862, 1885, 1916, 1917, 1924, 1927-1932, 1935, 1936, 1940, 1954, 1970, 1983, 2003, 2023, 2025, 2028, 2035, 2049, 2095, 2100, 2109, 2119, 2135, 2142, 2143, 2150, 2151, 2167, 2169, 2173, 2177, 2182, 2203, 2216, 2223, 2233-2236, 2242, 2251, 2252, 2254-2256, 2258, 2272, 2276, 2287, 2297, 2298, 2306, 2309, 2313, 2325, 2327, 2337-2341, 2348, 2353, 2357

MINERAL UPTAKE
49, 1204, 1449, 1580, 1597, 1725, 1957, 2019, 2086

MITOCHONDRIA
631, 1243, 1436

MITOTIC ACTIVITY
1159

MONOSACCHARIDE
50, 1629

MORPHOGENESIS
402

PHOSPHOENOLPYRUVATE CARBOXYLASE

1824, 2159

PHOSPHOGLYCERIC ACID

1824

PHOSPHOLIPID

615

PHOSPHORUS UPTAKE

95, 452, 520, 572, 616, 742, 1026, 1040, 1188,
1228, 1269, 1441, 1469, 1480, 1572, 1577, 1724,
1735, 1880, 1904, 2104, 2124, 2350

PHOTOCHEMICAL ACTIVITY

1196

PHOTOSYNTHESIS

30, 85, 96, 276, 303, 401, 513-515, 571, 576,
672, 675, 676, 678, 914, 941, 1017-1019, 1034,
1035, 1070, 1117-1120, 1139, 1141, 1146, 1147,
1196-1199, 1243, 1373, 1436, 1482, 1675, 1688,
1824, 1969, 2112, 2126, 2183, 2184, 2346

PHOTOSYNTHETIC PHOSPHORYLATION

1198

PHYSIOLOGICAL REACTIONS

1146

PIGMENT

1097, 1183, 1662

PINOCYTOSIS

1470

PLASMOLYSIS

1749, 2075

PLUMULE GROWTH

1835

POD YIELD

120, 371

POLLEN VIABILITY

1736

POLYPHENOL OXIDASE

741, 750, 2168

POLYPHENOLASE ACTIVITY

1827

POLYSACCHARIDE

51

POTASSIUM UPTAKE

316, 742, 759-761, 763, 766, 889, 893, 1009,
1012, 1082, 1083, 1176, 1228, 1248, 1367, 1444,
1447, 1606, 1631, 1641-1643, 1718, 1719, 1741,
1799, 1840, 1867, 1904, 2016, 2017, 2036, 2047,
2048, 2100, 2113, 2242

PROLINE

154, 165, 400, 931, 932, 1573, 2044, 2052,
2053, 2081

PROLINE SYNTHESIS

2160

PROTEIN

60, 133, 152, 166, 185, 239, 248, 263, 289,
308, 384, 580, 745, 747, 751, 819, 892, 894,
931, 982, 1045, 1094, 1102, 1119, 1122, 1199,
1213, 1481, 1486, 1526, 1539, 1580, 1604, 1678,
1680, 1700, 1701, 1708, 1723, 1728, 1965, 1969,
2066, 2068, 2069, 2118, 2168, 2187, 2205, 2238,
2269, 2271

PROTEIN METABOLISM

1095, 1807

PROTEIN SYNTHESIS

289, 1188, 1605, 1676, 2202

PROTEIN UPTAKE

1062

PROTEIN-N

1190, 2341

PROTEOLYSIS

1464, 1680, 2202

PROTOPLASM VISCOSITY

1943

PUTRESCINE

2079-2081

PYRROLINE-5-CARBOXYLATE REDUCTASE

931

RECLAMATION

826, 838, 970, 971, 978, 1569, 1822, 1823,
1959, 2330

RESIN

2243

RESPIRATION

30, 41, 60, 128, 177, 246, 248, 276, 303, 446,
476, 561, 562, 567, 573, 576, 632, 675, 676,
715, 739, 750, 914, 1058, 1067, 1080, 1117,
1141, 1146, 1147, 1183, 1197, 1199, 1243, 1304,
1350, 1357, 1373, 1436, 1482, 1554, 1654, 1669,
1675, 1688, 1797, 1829, 1836, 1861, 1892, 2106,
2145, 2177, 2179, 2184, 2229, 2252

RHIZOBIUM

604, 2315

RHIZOBIUM LEGUMINOSARUM

238

RHIZOBIUM TRIFOLIUM

238

RIBONUCLEIC ACID

60, 1040, 1044, 1095, 1325, 1481, 1486, 1605,
1678, 1723, 1807, 2118, 2162, 2168, 2177, 2178

RING-NECK DISEASE

802

ROOT GROWTH

28-30, 44, 45, 61, 62, 92, 95, 100, 103, 117,
 119, 128, 136, 137, 139, 141, 147, 157, 168,
 186, 222, 237, 241, 244, 246, 258, 269, 272,
 273, 294, 335-387, 391, 394, 395, 412, 436,
 442, 479, 500, 502, 504, 537, 559, 563, 583,
 585, 603, 605, 615, 635, 652, 653, 657, 687,
 689, 696, 705, 713, 717, 718, 723, 727, 739,
 754, 777, 780, 791, 833, 861, 874, 888, 904,
 905, 916, 955, 967, 975, 989, 1001, 1016, 1021,
 1025, 1029, 1059, 1060, 1062, 1064-1066, 1074,
 1077, 1103, 1108, 1111, 1122, 1142, 1150, 1163,
 1179, 1182, 1203, 1229, 1231, 1242, 1294, 1416,
 1470, 1483, 1506, 1523, 1554, 1595, 1600, 1603,
 1628, 1693, 1704, 1706, 1711, 1713, 1720, 1731,
 1791, 1810-1812, 1828, 1832, 1835, 1856, 1874,
 1879, 1892, 1893, 1909, 1912, 1914, 1970, 1998,
 2004, 2034, 2116, 2153, 2161, 2180, 2188, 2222,
 2230, 2234, 2236, 2238, 2244, 2245, 2295, 2310,
 2335, 2336, 2357

ROOT PERMEABILITY

1500

RUBBER YIELD

2243

RUDP-CAROBXYLASE

1824

SACCHARASE

1206

SALINITY PROFILE

1890

SALT DISTRIBUTION

1992

SALT REGULATION

1034

SALT SPRAY

1393

SALT TOLERANCE

13-16, 19, 31, 67, 73, 78, 80, 85, 115, 123,
 129, 170, 172, 181, 184, 187, 188, 192, 253,
 257, 259, 287, 293, 295, 327, 330, 343, 392,
 422, 438, 440, 472, 477, 491, 503, 505, 507,
 524, 526, 536, 558, 575, 584, 603, 604, 624,
 625, 628, 629, 641, 646, 647, 651, 656, 661,
 671, 684, 692, 706, 716, 722, 724, 728, 733,
 782, 790, 808, 828, 829, 832, 833, 858, 870,
 873, 879, 881, 887, 891, 902, 916, 921, 928,
 939, 944, 956, 958, 959, 970, 971, 976, 985,
 986, 1007, 1008, 1010, 1011, 1016, 1025, 1027,
 1034, 1035, 1046, 1049, 1050, 1052-1055, 1069,
 1086-1088, 1090, 1115, 1123, 1125, 1131-1133,
 1136, 1147, 1151, 1153, 1174, 1186, 1188, 1190,
 1193, 1212-1216, 1232, 1236, 1238, 1239, 1249,
 1253, 1254, 1257, 1279, 1282-1284, 1287, 1299,
 1303, 1308, 1309, 1311, 1314, 1315, 1320, 1326,
 1327, 1330, 1336, 1338, 1361, 1365, 1366, 1369,
 1370, 1374, 1387, 1394-1396, 1401, 1405, 1410,
 1411, 1416-1418, 1424, 1425, 1427, 1438, 1454,
 1457, 1458, 1467, 1491, 1495, 1498, 1502, 1519,
 1520, 1528, 1533, 1536, 1543, 1546, 1562, 1563,
 1565, 1566, 1568, 1574, 1575, 1578, 1584, 1585,
 1589, 1601, 1611, 1615, 1622, 1627, 1651-1653,
 1664, 1668, 1672, 1674, 1687, 1694, 1695, 1697,
 1703, 1714-1716, 1734, 1747, 1748, 1754, 1756,
 1758, 1762, 1771, 1776, 1781, 1798, 1799, 1803,
 1805, 1810, 1815, 1839, 1841, 1842, 1844, 1850,
 1868, 1871, 1872, 1875, 1877, 1882, 1886, 1888,
 1894, 1901-1903, 1905-1907, 1914, 1915, 1917,
 1929, 1931, 1932, 1943, 1949, 1951, 1961, 1963,
 1975, 1976, 1979, 1993, 1997-1999, 2002, 2012,
 2013, 2021, 2033, 2043, 2049, 2050, 2059, 2073,
 2089, 2096, 2098, 2099, 2101, 2103, 2115, 2117,
 2132, 2133, 2136, 2148, 2156, 2163, 2164, 2172,
 2173, 2176, 2196, 2199, 2212, 2227, 2239, 2246,
 2247, 2249, 2262, 2298, 2302, 2310, 2318, 2319,
 2329, 2333, 2334, 2343, 2344, 2347, 2355

SEED QUALITY

12, 239, 380, 1029, 2204, 2327

SEED WEIGHT

158, 240, 415, 738, 859, 1024, 1028, 1261,
 1532, 1586, 1874, 1988, 2004, 2172, 2326, 2327

SEED YIELD

17, 18, 44, 55, 68, 74, 87, 90, 110, 117, 120,
 128, 152, 158, 242, 643, 645, 657, 738, 880,
 1165, 1412, 1604, 1874, 1879, 2151, 2326

SEEDLING EMERGENCE

52, 566

SEEDLING GROWTH

25, 29, 45, 56, 81, 94, 97, 105, 110, 123, 127,
168, 176, 177, 239-241, 244, 246, 248, 249,
313, 314, 331, 404, 412, 528, 532, 580, 663-
666, 746, 750, 791, 811, 850, 855, 875, 882,
942, 949, 951, 955, 981, 999, 1016, 1038, 1046,
1048, 1055, 1064-1066, 1103, 1110, 1122, 1163,
1164, 1167, 1185, 1203, 1298, 1299, 1340, 1341,
1396, 1422, 1429, 1457, 1467, 1507, 1541, 1557,
1558, 1563, 1565, 1578, 1583, 1587, 1593, 1603,
1615, 1625, 1679, 1706, 1714, 1791, 1811, 1832,
1834, 1835, 1845, 1853, 1860, 1865, 1870, 1881,
1882, 1903, 1906, 1909, 1910, 1918, 1948, 1957,
1985, 1989, 2002, 2034, 2075, 2134, 2151, 2164,
2165, 2171, 2172, 2185, 2190, 2205-2207, 2209,
2210, 2225, 2230, 2285, 2293, 2337, 2352

SERINE

932

SODIUM EXCHANGE

2253

SODIUM TOLERANCE

148, 422, 1084, 1613

SODIUM UPTAKE

5, 77, 79, 116, 119, 146, 148, 163, 186, 229,
271-273, 279, 300, 316, 359, 390, 391, 397,
409, 417, 419, 422, 438, 450, 482, 502, 504,
513, 515, 525, 551, 554, 555, 574, 581, 602,
605, 606, 663-666, 690, 704, 714, 759-763, 766,
767, 770, 771, 782, 808, 811, 821, 827, 832,
864, 875, 889, 893, 900, 909, 911, 917, 918,
923, 949, 965, 993, 995, 1009, 1023, 1033,
1075, 1076, 1082, 1083, 1165, 1170, 1174, 1176,
1187, 1191, 1218, 1220, 1222, 1246, 1263, 1264,
1287, 1367, 1383, 1389, 1392, 1406, 1439, 1443,
1444, 1447, 1541, 1549, 1550, 1555, 1609, 1619,
1631-1633, 1635, 1641-1643, 1702, 1706, 1709,
1726, 1740-1742, 1772, 1773, 1799, 1800, 1840,
1846, 1867, 1883, 1892, 1914, 1950, 1969, 1990,
1992, 2015-2017, 2020, 2036, 2038, 2048, 2082,
2097, 2100, 2113, 2124, 2146, 2147, 2182, 2203,
2216, 2242, 2253-2256, 2292, 2293, 2312, 2345

SOIL INFILTRATION

201

SOIL SALINITY

35

STARCH

51, 174, 513, 693, 706, 751, 1556, 1629, 1728,
1942, 1966, 2153, 2232, 2238, 2241

STOMATAL RESISTANCE

1112, 1114

STRAW YIELD

17, 18, 166, 388, 469, 489, 512, 518, 559, 570,
962, 997, 1006, 1049, 1053, 1208, 1209, 1412,
1599, 1600, 1610, 1733, 1867, 2226

SUCCINATE

1784

SUCCULENCE

1373, 1883

SUCROSE

96, 228, 513, 878, 1651, 1671, 1782, 2153,
2232, 2233, 2352

SUGAR

21, 50, 174, 228, 239, 247, 248, 283, 513, 521,
693, 751, 1058, 1072, 1206, 1433, 1556, 1629,
1651, 1671, 1732, 1784, 1824, 1830, 1833, 2232,
2238, 2250

SUGAR METABOLISM

582

SUGAR YIELD

484, 490, 545, 569, 637, 1001

SULFATE TOLERANCE

422

SULFATE UPTAKE

316, 326, 330, 363, 439, 712, 851, 854, 1020,
1472, 1846, 1920, 1923, 1925, 2067, 2182, 2268

SULFHYDRYL GROUP

1922, 1958

SULFUR METABOLISM

1919, 1921

TILLERING

2215, 2350

TOXICITY

71, 72, 88, 274, 285, 294, 311, 314, 315, 421,
426, 429, 482, 492, 534, 537, 544, 592, 610,
639, 667, 682, 740, 748, 777, 788, 874, 924,
935, 940, 949, 1042, 1087, 1092, 1105, 1140,
1156, 1184, 1192, 1217, 1232, 1239, 1246, 1297,
1299, 1301, 1302, 1337, 1348, 1455, 1457, 1473,
1474, 1477, 1484, 1514, 1516, 1517, 1524, 1538,
1547, 1596, 1632-1634, 1638, 1684, 1687, 1737,
1751, 1761, 1765, 1777, 1778, 1817, 1842, 1843,
1854, 1952, 1964, 1984, 1987, 2008, 2011, 2029,
2051, 2055, 2074, 2078, 2084, 2085, 2101, 2154,
2155, 2164, 2220, 2251, 2252, 2261, 2267, 2284,
2292, 2303

TRANSPIRATION

4, 7, 8, 27, 28, 76, 99, 268, 398, 530, 557,
 571, 576-578, 678, 686, 762, 787, 827, 857,
 902, 909, 912-914, 916, 968, 975, 989, 1013-
 1015, 1017, 1018, 1029, 1070, 1081, 1117-1119,
 1139, 1178, 1179, 1261, 1270, 1272, 1286, 1350,
 1382, 1383, 1386, 1420, 1449, 1510, 1513, 1518,
 1530, 1562, 1641, 1659, 1675, 1688, 1718, 1757,
 1882, 1886, 1893, 1991, 2001, 2120, 2121, 2166,
 2167, 2181, 2182, 2252, 2, 66, 2312, 2322

TRIGONELLINE

2053

TUBER YIELD

1206, 1965, 1966

TURGIDITY

1012, 2001

TYROSINE

1588, 1670

VEGETATIVE GROWTH

1-4, 8, 10, 12, 16-20, 22, 25, 28, 30, 32, 33,
 35, 36, 38, 43, 44, 46, 48, 49, 55, 59, 61, 62,
 64, 69, 73, 74, 76, 79, 81, 83, 87, 89-92, 95,
 98, 100, 106, 110, 111, 113, 114, 116-122, 125-
 128, 136, 137, 139, 141-143, 145, 147, 148,
 152, 157-161, 167-169, 174, 176, 182, 183, 186,
 189, 198, 199, 215, 219, 220, 227, 228, 231-
 237, 240, 242, 243, 249, 250, 255, 258, 260,
 262, 263, 268-270, 272, 273, 276, 277, 280,
 283, 291-293, 297, 298, 303, 306-309, 317, 321,
 322, 324, 325, 331-333, 335, 344, 347, 355,
 367, 370, 371, 373, 375-377, 384-388, 392, 394,
 396, 397, 399, 401, 403, 404, 408, 412-416,
 432, 434, 439, 448, 457-459, 463, 466, 467,
 469, 473, 478-481, 483, 485, 487, 489, 490,
 493, 495, 496, 498, 500, 502, 504, 508, 513,
 517, 519, 525, 528-530, 534, 536, 538, 550,
 551, 556, 558-561, 563, 564, 566-569, 571-573,
 575, 577, 579, 581, 583, 585, 587, 590, 591,
 596, 603, 605, 608, 610, 612, 615, 616, 623,
 626, 627, 632, 636, 637, 643, 652, 653, 657-
 660, 609, 677-679, 682, 684, 686-689, 691, 693,
 695-698, 700-702, 704-706, 710, 713, 717, 725-
 727, 730, 733, 734, 738-740, 743, 744, 754-756,
 758-763, 765-767, 770-772, 775, 776, 778, 780,
 781, 784, 786-788, 792, 795-798, 801, 813, 817,
 818, 823, 826, 827, 830, 831, 840, 846-848,
 862-864, 874-878, 880-883, 892, 894, 898, 899,
 903-905, 912, 913, 916, 933, 934, 937, 938,
 940-942, 947, 950, 958, 959, 962, 963, 965,
 967-969, 972, 974-977, 982, 983, 985, 988, 989,
 991, 993-996, 1000-1002, 1004, 1007, 1008,
 1010-1012, 1014-1017, 1020, 1022-1026, 1028,
 1029, 1031, 1032, 1039, 1042, 1044-1046, 1049-
 1053, 1056, 1057, 1059, 1060, 1063, 1071, 1074,
 1077, 1078, 1081, 1096, 1098, 1100, 1101, 1103,
 1105, 1107-1111, 1116, 1118-1120, 1125-1130,
 1134, 1137-1140, 1142, 1144-1147, 1150, 1159-
 1162, 1165, 1166, 1168, 1171, 1174, 1176, 1178,
 1180, 1181, 1184, 1187, 1189, 1194, 1195, 1197,
 1201, 1202, 1204-1206, 1208, 1209, 1211-1213,
 1216-1219, 1223, 1225, 1228, 1229, 1231, 1237-
 1239, 1241-1243, 1245-1247, 1250, 1251, 1253,
 1261, 1262, 1266, 1268, 1270, 1272, 1274, 1277,
 1279-1288, 1290, 1294, 1295, 1299-1302, 1323-
 1325, 1331, 1337-1339, 1342-1346, 1349, 1350,
 1352, 1353, 1355, 1360-1363, 1367, 1369, 1371,
 1373, 1375-1377, 1379, 1381-1384, 1386, 1388,
 1389, 1395, 1397, 1398, 1402, 1406, 1411-1414,
 1416, 1418, 1424, 1426-1428, 1431, 1432, 1444,
 1446, 1449, 1451, 1456, 1460-1462, 1465, 1466,
 1468-1470, 1472, 1474, 1475, 1477, 1478, 1481-

1484. 1486. 1488. 1492. 1493. 1496. 1497. 1501-
 1503. 1506. 1508. 1511. 1512. 1519. 1521-1525.
 1530-1532. 1537. 1540-1542. 1544-1546. 1548-
 1550. 1555. 1564. 1566. 1570. 1574. 1576. 1577.
 1580. 1581. 1584-1586. 1590-1592. 1595-1597.
 1599. 1600. 1602. 1604. 1610. 1615-1617. 1619.
 1622. 1628. 1631-1636. 1640. 1646. 1648-1650.
 1658. 1661. 1663. 1669. 1671. 1677. 1686. 1689.
 1692. 1697. 1702-1704. 1717. 1719. 1722. 1730.
 1731. 1738. 1739. 1748-1750. 1756. 1759. 1761.
 1762. 1764. 1767. 1768. 1772-1774. 1776-1778.
 1780. 1782. 1784. 1785. 1787. 1789. 1790. 1792.
 1798. 1799. 1802. 1804. 1806. 1808-1811. 1813.
 1817. 1819-1821. 1831. 1837. 1838. 1846-1848.
 1852. 1854. 1856. 1857. 1863-1867. 1872. 1874-
 1876. 1879-1881. 1883-1885. 1895. 1897. 1907.
 1911-1915. 1917. 1926. 1927. 1929-1932. 1934.
 1936. 1937. 1939. 1944. 1946. 1951. 1953-1956.
 1962. 1965-1970. 1972. 1973. 1978. 1984. 1988-
 1990. 1995. 1996. 1999-2001. 2004. 2006. 2007.
 2016. 2018-2021. 2025. 2041-2043. 2050. 2053-
 2056. 2058. 2059. 2063. 2074. 2077. 2083-2085.
 2088. 2090. 2105. 2108-2112. 2115. 2116. 2119.
 2125. 2128. 2140. 2142-2145. 2149. 2150. 2152-
 2155. 2161. 2162. 2165-2167. 2172. 2178. 2182.
 2187. 2195. 2202. 2206. 2208. 2212. 2218. 2219.
 2222. 2228. 2232. 2234-2241. 2243-2245. 2251.
 2257. 2258. 2261-2266. 2268. 2269. 2271. 2273.
 2274. 2276-2278. 2283. 2286. 2287. 2291. 2293-
 2297. 2299. 2300. 2305. 2309-2311. 2313. 2314.
 2320-2322. 2324. 2325. 2328-2330. 2333. 2334.
 2338. 2340-2342. 2344. 2349-2351. 2353. 2357

VESICULATED HAIRS

1445

VIOLAXANTHIN

509

VITAMIN C

1058

WATER BALANCE

676. 2121

WATER CONTENT

135. 291. 416. 668. 686. 687. 693. 982. 1012.
 1013. 1025. 1045. 1065. 1081. 1118. 1270. 1271.
 1274. 1276. 1372. 1382. 1385. 1419. 1442. 1500.
 1529. 1567. 1573. 1704. 1708. 1814. 1836. 2082.
 2119. 2120. 2297. 2312. 2325. 2354

WATER POTENTIAL

7. 303. 521. 528. 573. 605. 675. 914. 1015.
 1070. 1112-1114. 1385. 1867. 2195. 2262

WATER RELATIONS

1677

WATER REQUIREMENT

539

WATER UPTAKE

130. 537. 540. 993. 1081. 1247. 1248. 1270.
 1494. 1554. 1573. 1676. 1679. 1757. 1761. 1788.
 1791. 1851. 1894. 1895. 1991. 2046. 2341

WATER USE

295. 1505

XANTHOPHYLL

1183

ZINC UPTAKE

1295



1022421643

NATIONAL AGRICULTURAL LIBRARY

